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JOHNSON & STOKES

JUL 17 1897

BOTANY

SEED LABORATORY

1894



GARDEN & FARM MANUAL

Seeds ..of.. Success.

IT is important to choose the right seeds; but it is more important to choose the right seedsmen. The Gardener and Planter are largely dependent on the seedsmen from whom he purchases. Seeds are his foundation. The seedsmen must of course be honest, but honesty avails little without other qualities. He must have sys-

tem, to organize and conduct a business of such detail, a business in which a single careless employee may ruin the work of all the rest. He must have enterprise to search the world over for new and superior varieties; judgment to choose the best only and courage to reject all others, even though much puffed and pushed by others; patience and perseverance to work for years to perfect a new variety before offering the seeds; accuracy and candor to avoid overstatement and misrepresentation; skill, energy and abundant capital. All these things he must have besides honesty, and if he lacks a single one his customer pays for it. Is it therefore not better to decide on the seedsman before choosing the seeds?

We show in these pages many novelties and specialties of great value. The difficult question how to set forth actual appearance and real merits without exaggeration, has led us to adopt the method of PHOTOGRAPHIC REPRODUCTION, which has given our MANUAL an unique reputation for truthfulness and accuracy combined with beauty. The pleasure of examining these "Plant Portraits" cannot be spoiled by doubt or distrust. You are standing where the camera stood, looking through it at the object itself.

We have always made a point of selling TESTED SEEDS, seeds that will not only grow, but that it will PAY to grow.

In this MANUAL some things that are much lauded in other catalogues are omitted—there is a reason for it. Some do not appear as large or extravagant as shown in the cuts of other lists. Is it not better to be disappointed in a picture than in a crop?

Our aim is to constantly increase our business by securing new customers and to steadily convert them into old ones by the business methods here set forth.

We want your orders, large or small. Shall we have them?

Johnson & Stokes, 217 & 219 Market St. and 206 & 208 Church St.
PHILADELPHIA.

SHOPPING BY MAIL.

In spite of the enormous growth of the Mail Order business of late years, there may be some who have never tried it. To any such we would say that the experience of millions has shown that BUYING BY LETTER, FROM ANY FIRST-CLASS HOUSE, IS AS SAFE, AS PRESENT, AND YOU WILL BE AS HONESTLY TREATED, AS IF YOU STOOD IN THE STORE AND HANDED YOUR MONEY OVER THE COUNTER. There are many such houses in the United States, doing an immense volume of business. Of course, some have better facilities than others; but there is also an advantage in sending mail orders to houses that make a specialty of that line of business.

As good a question as you can ask about any store is: "How does it prosper?" A look *inside* answers the question for ours. No business will go on growing and growing unless it *deserves* to grow.



Private Office—Opening the Mail.

SEEDS POST-PAID BY MAIL.

All Vegetable and Flower Seeds by the packet, ounce, pound, pint or quart will be delivered by us, **postage paid, and free of all expense**, to any post office in the United States. Thus, you have only to enclose with the order the price of the seeds as given in this catalogue, and they will be safely delivered to you, neatly packed, without extra charge. This system places our store at your very door, and enables customers thousands of miles away to obtain their supplies as cheaply as if they called in person at our store.

CUSTOMERS ORDERING SEEDS TO BE SENT BY FREIGHT OR EXPRESS

may deduct postage at the rate of eight cents per pound, or fifteen cents per quart from our list prices. When sent in this way the purchaser pays the freight or express charges on receipt of seed.



Office for Auditing and Recording Mail Orders.

..... HOW TO SEND MONEY

Cash should always accompany the order. We will be responsible for money sent to us by **Post-Office Order, Express Money Order, Bank Draft, Express or by Registered Letter.** Every postmaster is required to register any letter on payment of eight cents extra postage.

The cost of remitting may, on all orders over \$1.00, be deducted from the amount sent.

Postage Stamps received as Cash.—When notes are not obtainable, or to make proper change, we accept postage stamps the same as cash (two-cent stamps preferred).

C. O. D.—Orders amounting to over \$10.00 will be shipped by express, C. O. D., if desired; provided one-fourth of the amount accompanies the order. We are obliged to add the extra express charges for the return of money on all C. O. D. orders. It is, therefore, less expense to the purchaser to forward full amount of money with order. *Plants* cannot be sent C. O. D., neither can goods be sent C. O. D. by freight.

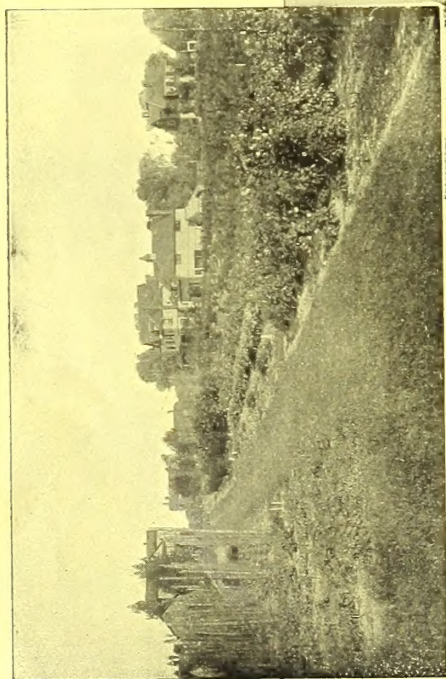
WE GUARANTEE ALL SHIPMENTS of Seeds, Bulbs, Plants, Implements, Live Stock, etc., to reach the purchaser safely and in good condition.



Section of Mail Order Department—Filling Orders.

NOVELTIES AND SPECIALTIES

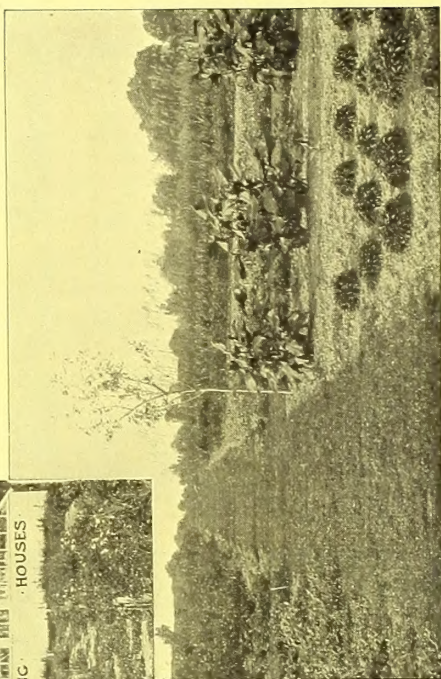
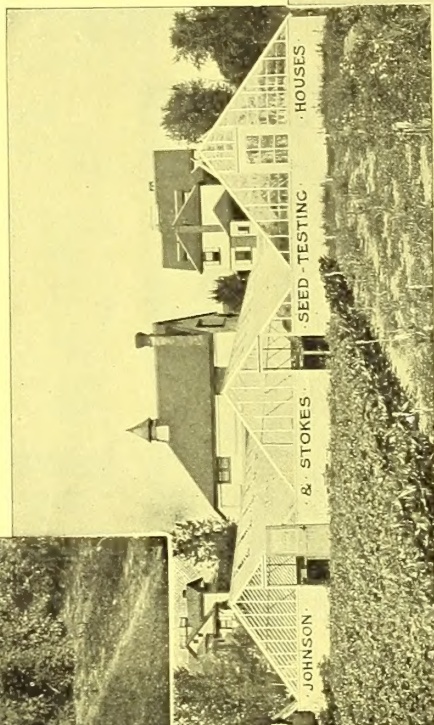
PUTTING "the best foot foremost" in showing one's goods is natural and proper, but in advertising seeds it has led to such wild and absurd exaggeration that confidence in seed catalogue illustrations has been greatly weakened. We have always thought this a great injury to the business; and to make our catalogues **strictly accurate**, while still properly showing the real merits of our **novelties** and **specialties**, we have adopted the method of **photographic illustration from nature**. The following pages show, with entire fidelity, a selection of vegetables of **great and remarkable excellence**, all of which have been subjected to thorough and exhaustive trials at Floracraft Trial Grounds. As will be noticed, many of these were originated or first introduced by us, and all have advantages which entitle them to the special consideration of Growers.



Floracraft Trial Grounds

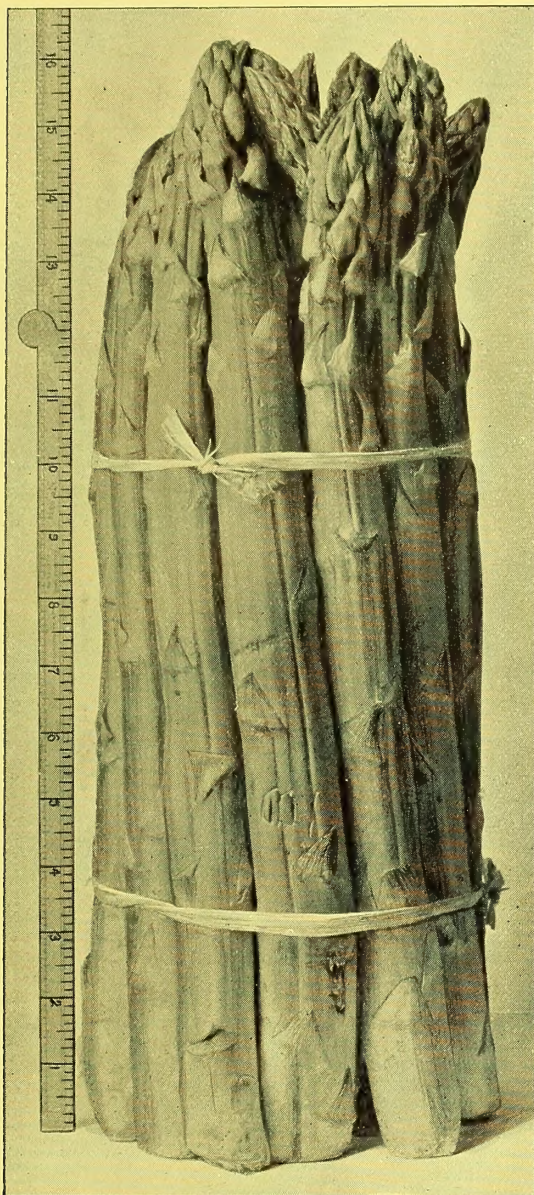
The views here presented were photographed the past season at our **Floracraft Trial Grounds**, which are located about nine miles from our city warehouses, and are under the personal direction and management of one of our firm, whose residence is shown in the background. Here are planted each season, for thorough trial, samples of both in this country and Europe, as well as anything which may be sent us, claimed to be new and superior, by our amateur or market garden customers. By this means we are enabled to satisfy ourselves of the true character and value of any novelty before it can find a place in our Catalogue.

Here are also located our **Seed Testing Houses**, where a sample of each lot of seeds we handle is **tested for vitality**, to find how many seeds in one hundred will grow, as well as for **purity and quality of stock**. In fact, we leave no stone unturned to gain and hold the confidence of all customers and assure them from disappointment.



DONALD'S ELMIRA ASPARAGUS.

FOR years the city of Elmira, New York, has had the reputation of having on sale the finest and largest asparagus grown in the State. This asparagus has attracted much attention from dealers and commission merchants generally throughout the State, all anxious to get it. Upon inquiry we found that it was grown entirely by one prominent market gardener, Mr. A. Donald, who had become so noted as an asparagus grower, that the *Rural New Yorker* gave a full and very interesting account of his methods of growing and selling. He always realized handsome prices, and yet, although a large grower, was unable to supply half the demand. Mr. Donald is an old customer of ours, and by paying a high price, we induced him three years ago to save some seed from one of his choicest beds, from which seed we have grown and offer for sale splendid and strong one and two-year-old roots. The color of this asparagus is notably different from either the famous Barr's Philadelphia Mammoth or Palmetto, while the stalks are more tender and succulent. Its mammoth size can be realized from the fact that whole crops will average four pounds weight to the bunch of twelve stalks, and, as will be seen by the accompanying engraving from a photograph of an average bunch, measure sixteen inches in length. On account of its great size, the cutting and bunching requires much less labor than with other varieties. While the expense of marketing is thus lessened, it always commands a fancy price. Mr. Donald has been offered fifty cents a pound for his asparagus to ship to New York City, but the dealers in Elmira would not allow him to ship it even at such figures. Prices of seed: Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; 1 lb., \$2.00; 5 lbs. and over, \$1.75 per lb.



DONALD'S ELMIRA ASPARAGUS. PHOTOGRAPH OF AN AVERAGE BUNCH WEIGHING 4 LBS., HEIGHT 16 INCHES.

Donald's Elmira Asparagus Roots.

1 and 2 years old. Grown from seed saved by Mr. Donald on one of his choicest beds.

1-year-old, \$1.25 per 100 (by mail, post-paid, \$1.50 per 100), \$7.00 per 1000; 2-year-old, \$1.50 per 100, \$9.00 per 1000. 500 roots furnished at 1000 rates.



PHOTOGRAPH OF OUR CROP OF ONE-YEAR-OLD ROOTS, DONALD'S ELMIRA ASPARAGUS.



PHOTOGRAPH OF AN AVERAGE SINGLE BUSH OF DREER'S BUSH LIMA BEAN, TAKEN FROM OUR FIELD AT FLORACROFT.

DREER'S BUSH LARGE LIMA BEAN.

The Best of All the Dwarf or Bush Limas. See Testimonials, page 29.

THIS remarkable bush bean has been widely grown during the past two seasons, and has fully sustained our claim made in first offering it, to be the very best of the new race of Bush Limas. It possesses all the good qualities of the **Dreer's Improved Large Lima**, which has long been admitted the best in quality of the Pole Limas. The **Dreer's Bush Lima** is of true bushy habit, growing vigorously from one and a half to two feet high, and showing no disposition whatever to run. It produces pods in great abundance, one hundred and eighty-five having been counted on a single plant. It requires no poles or stakes. The beans grow close together, three, four, and sometimes five in a pod, and are very thick, sweet and succulent. It ripens fully *ten days earlier* than any of the Pole Limas. It has created a decided sensation wherever grown. Large pkt., 10c.; 3 pkts., 25c.; pint, 40c.; qt., 80c., post-paid. Peck, \$4.50, by freight or express.

BURPEE'S BUSH LIMA BEAN.

This new bean was first introduced in 1890, and being extensively advertised, was sold at the fabulous price of 75 cents per packet of four beans. It is the true Bush form of the old Large Lima Pole Bean. It grows vigorously to a height of eighteen to twenty inches, forming a circular bush two to two and a half feet in diameter, yielding from fifty to one hundred and fifty fine pods similar to those grown on the Large White Lima Pole Bean. Large pkt., 10c.; 3 pkts., 25 cts.; pint, 40c.; qt., 75c., post-paid Peck, \$4.25, by freight or express.

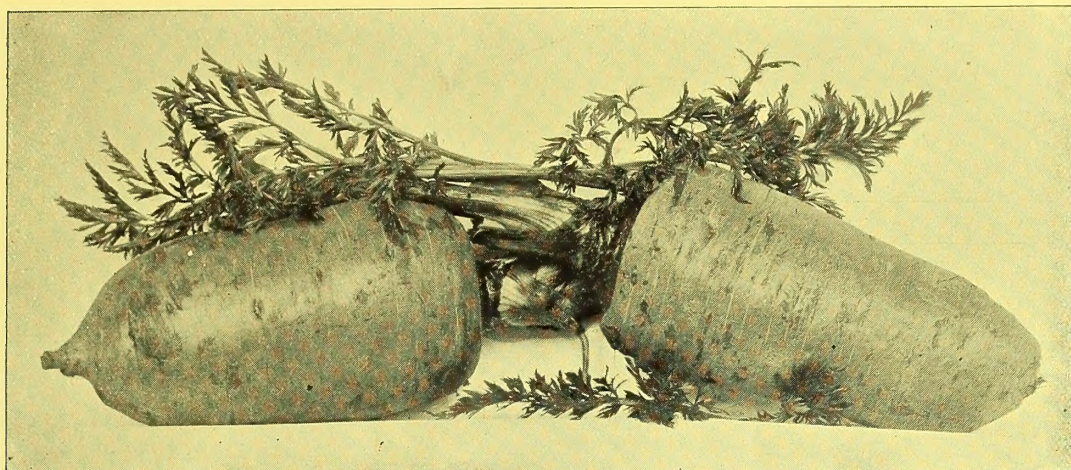
JACKSON WONDER DWARF LIMA BEAN.

This new Bush Lima Bean originated in Georgia. It grows from eighteen to thirty inches high, and might be termed a combination bean, as the pods when quite young may be used as snap beans, and after they become filled, shelled and used as Lima Beans. It is *immensely productive*, with broad, flat pods, containing three to four variegated flat beans, similar in shape to the well-known Small Lima or Sewee. Pkt., 10c.; pint, 40c.; qt., 75c.

SPECIAL OFFER:

THREE
KINDS 25C

We will send, postage paid, one large packet *each* of the above three new varieties Bush Lima Beans for only 25c.



PHOTOGRAPH OF AVERAGE SPECIMENS OF RUBICON HALF-LONG CARROT.

NEW RUBICON HALF-LONG CARROT.

In the Rubicon we have an entirely distinct American Carrot. It is the best in shape, and its deep red orange colored flesh is the finest in quality of all. The strain was selected and perfected by a well-known market gardener of Connecticut, under whose care the carrots attained such uniform shape that they are almost exact duplicates of each other. It is **earlier than the Danvers**, about the same length, but larger, thicker and more productive; the leaves are shorter and finer. These features adapt it extremely well for early forcing. It is



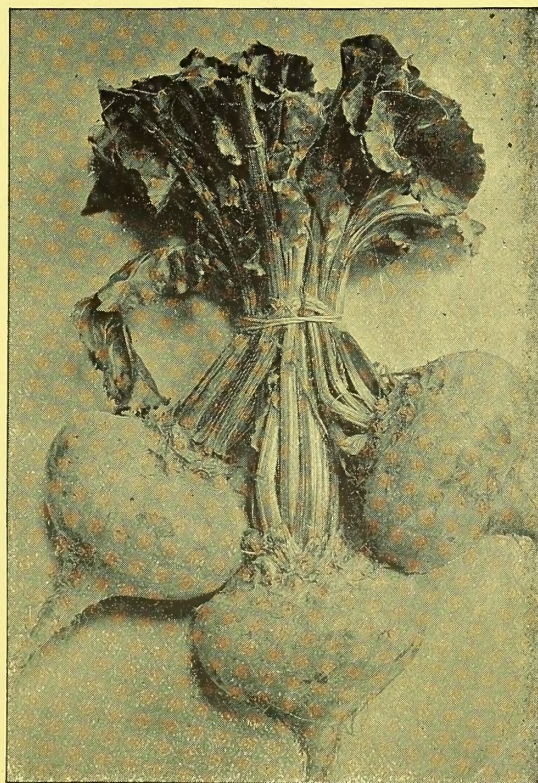
RUBICON CARROT growing for seed. Photographed in blossom.

a splendid sort, however, for growing outside at any season of the year, being a **wonderfully heavy cropper** on any kind of soil, and highly nutritious for stock feeding. It is without neck, and the crown is hollow. It grows well under the ground, which prevents it from becoming sunburnt—a very important feature. Many leading gardeners and farmers are now planting the Rubicon to the exclusion of all others. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25; 2 lbs., \$2.25.

NEW BEET, THE CRIMSON CHIEF.

This New Beet was originated by a successful Philadelphia market gardener, who had kept it entirely in his own hands, until we secured his entire stock of seed, two years ago.

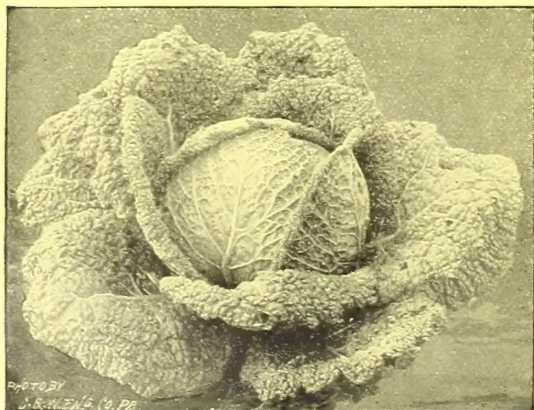
The Crimson Chief is the handsomest in form and best in quality of any Deep Blood Turnip Beet ever seen in Philadelphia markets. Although moderately early, it is not the earliest. From the hundreds of favorable reports received from those who planted it last season, on our recommendation, it has many important advantages over all known varieties, which will rapidly popularize it as the very best for summer, autumn and winter use, for both market and private planters. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.





JOHNSON & STOKES' EARLIEST CABBAGE.

This remarkably successful variety is now in the eighth year of its great popularity, and is to-day more largely planted by both private and market gardeners than any other first early cabbage known. All agree in pronouncing it the best and most profitable cabbage they have ever grown. It gives every market man who plants it complete control of the early markets, and is the first good cabbage on the table of the family gardener; ten days earlier than Early Jersey Wakefield. It is unsurpassed in fine quality, **great beauty and vigor of growth.** The heads are slightly conical, **remarkably large, solid and uniform in growth, and very handsome in appearance.** Pkt., 10c.; oz., 40c.; 2 oz., 75c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, post-paid.



JOHNSON & STOKES' HARD-HEADING SAVOY.

JOHNSON & STOKES' HARD-HEADING SAVOY CABBAGE

This variety, the result of many years' careful selection, is certainly the perfection in the Savoy. It is unquestionably the best and most profitable strain to grow, being far superior to the ordinary Imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is very curly and sure to head, keeps well, and retains its color until very late in the season. It is the best selling market variety of all Savoy cabbages, and also the best for the home table, owing to its exceptionally fine quality, possessing the rich, sweet flavor of the cauliflower when cooked. Grow it once, and your customers, if you are a market gardener, will make you grow it always. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.



An average head of Johnson & Stokes' Market Gardeners', No. 2, the earliest and most compact of all large cabbages.

JOHNSON & STOKES' MARKET GARDENERS' CABBAGE, No. 2.

In this excellent new variety we have undoubtedly the **earliest and most compact of all large cabbages**. For several years the originator had sold the seed to growers in Northern New Jersey, at \$2.00 per ounce. In 1888, we purchased the variety and his entire crop of seed, and first offered it for sale in the spring of 1889. Many prominent gardeners who are now growing it almost exclusively pronounce it the very best of all cabbages as a second early and summer market sort. It is so

hardy and vigorous that it can be set much earlier than Jersey Wakefield or Early Summer, and comes in as **early as the Wakefield**, and two weeks earlier than Early Summer or any other round or flat-headed variety; at the same time it produces fine, solid heads, double the size of Jersey Wakefield, and one-half larger than Early Summer. Could anything more be wished for in an early market cabbage? On the other hand, when planted for a fall or winter crop, there is no other cabbage which will withstand the summer sun so well, and is so sure to form **large, deep, solid heads**, of quality equal to the best. When stored for winter they keep perfectly until very late in the spring, coming out in fine salable condition.

Such a cabbage is **Johnson & Stokes' Market Gardeners' Cabbage, No. 2**, and all who have not yet given it a trial will, after growing it, be as enthusiastic in its praise as we are. Try some of the **best seed of the very best cabbage in cultivation**. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.



Photograph of a corner of one of our Cabbage Farms. Young plants growing to make heads for wintering over to be set again in the spring for seed.



JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH CABBAGE.

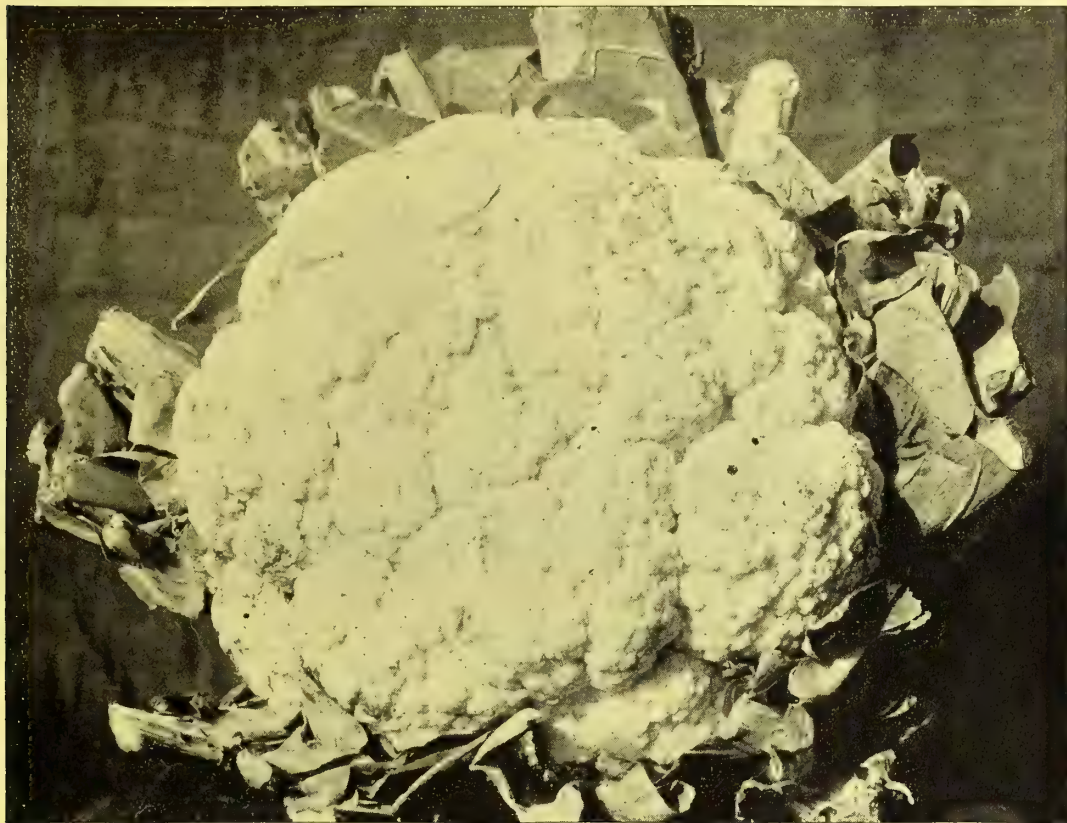
This new strain is the result of several years' continued selection for seed of the most perfect and largest heads, with low stocks, few outer leaves, and very uniform color. It is pronounced by experienced cabbage growers and market gardeners **the finest strain of late cabbage in the world.** It grows larger and weighs heavier than any other variety, never fails to make a perfect, solid head, and is most uniform in size and color. Pkt., 10c.; oz., 30c.; 2 oz., 50c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00; 2 lbs., \$5.50; 5 lbs. and over, \$2.50 per lb., by express.



NEW JERSEY IMPROVED LARGE PURPLE SMOOTH STEM EGG-PLANT.

NEW JERSEY IMPROVED LARGE PURPLE EGG-PLANT.

In the great markets of New York and the North the finest egg plants seen are those produced in New Jersey, whose growers have by long experience attained remarkable skill in bringing this plant to the greatest perfection. The **New Jersey Improved** is a **decided improvement** on the New York Large Purple in quality, size and great beauty. The plants are large and vigorous; leaves of a light green shade; fruit early, very large, oval and of a fine deep purple—never red or yellow; flesh, white, tender and of a superior quality. A sure cropper. Our customers will find this variety the **very best in cultivation.** Pkt., 15c.; oz., 45c.; 2 oz., 75c.; $\frac{1}{4}$ lb., \$1.25; lb., \$1.50.



Photograph of an average head of Early Alabaster trimmed for market.

Johnson & Stokes' Early Alabaster Cauliflower

Among the crop of one of the largest cauliflower growers on Long Island there appeared, in 1881, one especially fine head, some ten days in advance of all the rest. It was a sport from the finest German strain of selected Dwarf Erfurt. The seed of this plant was carefully saved by the grower, and from it has been brought up the Early Alabaster, after years of careful selection.

We confidently recommend this as both the earliest and the finest cauliflower in the world ; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a **sure header**, every plant forming a large, solid, perfect head, of remarkably pure white color, of the finest table quality. All market and family gardeners who have failed in growing this delicious vegetable may rest assured that the trouble has come from either inferior or imported unacclimated seed ; and they should bear in mind that our seed of the **Early Alabaster** is **American grown**, and from it a crop of cauliflower can be grown as easily as a crop of cabbage, and with greater profit, as one ounce of cauliflower seed will produce about 2,500 plants, the crop of which would usually bring in this market \$300 to \$400. **Pkt., 25c.; 5 pkts., \$1.00 ; ¼ oz., \$1.50 ; ½ oz., \$3.00 ; oz., \$6.00 ; ¼ lb., \$20.00.**

THE EARLIEST AND SUREST HEADER.

P. DILTY, Sand Brook, N. J., Oct. 4, 1893, writes: "Early Alabaster is the earliest and surest heading Cauliflower I have ever grown."

THE EASIEST GROWN.

R. & E. B. AYLER, Portsmouth, R. I., Feb. 28, 1893, writes: "We tried your Alabaster Cauliflower last season, and never grew so easily or saw such handsome heads of Cauliflower before."

THE BEST HE EVER RAISED OR SAW.

PHILIP NICKEL, Mascoutah, Ill., Feb. 6, 1893, writes: "The most successful results have been attained from your Alabaster Cauliflower. It is the best I ever raised or ever saw, and has given the fullest satisfaction to my customers. You deserve much credit for the introduction of so valuable a variety."



PHOTOGRAPH OF THE NEW PERLE LE GRAND CELERY, SHOWING ITS HANDSOME FORM, STOCKY, ROBUST AND CLOSE HABIT.

NEW PERLE LE GRAND CELERY.

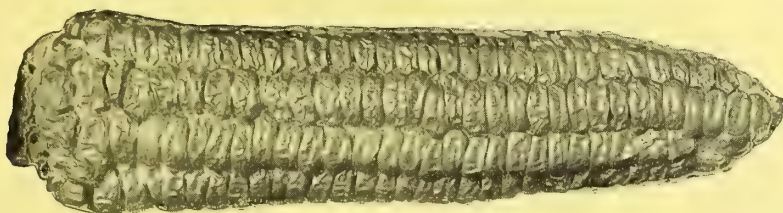
In the season of 1892, in accordance with our usual practice when introducing a promising novelty, we distributed, free for trial, among our customers several thousand packets of seed, labelled "New Celery, No. 42." In consequence we were last year overwhelmed with orders and inquiries for seed by those who had tested the samples, and by their neighbors who saw the celery during its growth.

The name "**Perle Le Grand**" was suggested by A. P. Howard & Son, Wellsville, Ohio, who were awarded the prize of \$25.00 cash offered for the best name suggested. This is without doubt the most remarkable novelty in celery since the introduction of our Golden Self-Blanching in 1883. Our photograph above gives a good idea of its handsome and attractive appearance, and the one below of its strong and even growth. Its beautiful golden heart and rich nutty flavor are unapproached by any other variety, and, from our experience after three years' trial, we find it the best of all as a winter keeper; no variety can surpass if indeed equal the New Perle Le Grande. *See testimonials, page 42. Pkt., 15c.; oz., 45c.; 1/4 lb., \$1.25; 1 lb., \$4.50.*



Photograph of a field New Perle Le Grand Celery, showing its vigorous and even growth.

Two Valuable New Sweet Corns.



Burbank's Early Maine.

A PURE WHITE SWEET CORN, EARLIER THAN CORY.

When Mr. E. W. Burbank, of Maine, wrote us he had originated a new Sweet Corn earlier than Cory, we were at first inclined to doubt his statement, but his claim has now been confirmed by our own trials, as well as by a number of our Market Garden customers, who write they find it to be fully three to five days earlier, with many other decided advantages over the famous Cory Corn. The ear is much longer and larger, with a pure white cob, kernels rich cream white, sweet and juicy. It also looks nicer on the table, being entirely free from the red shade shown in the Cory and Marblehead. Stalk grows to medium height, and on good soil will average two ears. It should be planted by every gardener who values earliness in sweet corn. Pkt, 10c.; pint, 20c.; qt., 40c., post-paid; qt., 25c.; peck, \$1.15; bush, \$4.00, by freight or express.

NEW LATE SWEET CORN—"COUNTRY GENTLEMAN."

THE SWEETEST OF ALL SUGAR CORNS.

The **Shoe Peg Corn**, introduced by us a few years since, has rapidly grown in popularity, and is generally considered the choicest and sweetest sort that can be grown for private use. The **Country Gentleman**, which was originated for the express purpose of excelling the Shoe Peg, possesses all its **superior qualities**, viz: the deepest grain, smallest cob, and richest flavor of all sweet corns, and resembles Shoe Peg in every other respect, except that the ears are nearly **twice as large**, as shown in the photograph below, which is of an average ear, nine inches in length. Notwithstanding the greater size of the ear, it is fully as productive, producing three to four good ears to the stalk. We recommend it as the best sweet corn now before the public for the private garden, while its large ear and fine quality make it most desirable for the market gardener. Pkt., 10c.; pint, 20c.; qt., 40c., post-paid; qt., 25c.; peck, \$1.00; bush., \$3.75, by freight or express.





* NEW SENSATION LETTUCE. *



This remarkable new lettuce has rapidly grown in popularity among our best market gardeners, who all agree in pronouncing it not only the best lettuce they have ever grown for forcing under glass in hot-bed and greenhouse, but equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color, leaves much blistered on the surface as shown in photograph above, made from a single head and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth are well shown in the photograph of a section of our field taken during growth. It is the shyest seeder of any lettuce we have ever grown, and is necessarily high in price. We offer choice seed of our own growing. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.



New Green-Fleshed Osage Muskmelon.

This splendid new and distinct muskmelon offered last season for the first time represents several years' selection made by Chauncey P. Coy, the largest and most experienced grower of melons in the

world. With his thorough knowledge of all varieties, the originator says: "It is superior to any other green-fleshed melon now known." This strong claim has been fully verified by hundreds of our customers who grew it the past season. See testimonials, page 51. It is very hardy and prolific, in size and shape, like the Red-Fleshed Osage, but much more handsomely netted and colored on the outside skin, while its flesh is a beautiful pea-green and of most delicious quality. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00



EXTRA EARLY PRIZE MUSKMELON.

A carefully selected and improved strain, prized for its great earliness and when grown on good ground is very thickly and beautifully netted. Since its introduction, a few years since, it has been the first Northern grown muskmelon offered on New York and Philadelphia markets. Rather small in size, of excellent flavor and quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

PHOTOGRAPH OF AN AVERAGE SPECIMEN OF EXTRA EARLY PRIZE.



Photograph of Specimens of Jersey Belle, taken from field on our New Jersey Farm, June 13th, the first to ripen.

Jersey Belle Muskmelon.

In our trials the past three seasons this new cantaloupe has not only been always among the **first to ripen**, but has proven the **largest of all the first early sorts**, grown alongside of them and under the same conditions. Unlike other extra early sorts, it does best on light soils, and will develop perfectly even on white sand. As shown in photograph above, it is flattened on the ends, deeply ribbed and heavily netted, indicating by its outward appearance the **exquisite quality** of the beautiful green flesh within. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

The **Jersey Belle** and **Extra Early Prize**, described on preceding page, are the two earliest melons in cultivation, the former being adapted to light sandy soils and the latter to strong ground.



PHOTOGRAPH OF THE NEW BANQUET MUSKMELON.

The Banquet Melon.

Since our introduction of the now famous **Princess Melon** in 1888, we have been unable to find a salmon or red fleshed melon which could approach it in delicious flavor until the appearance of the **New Banquet**, which is certainly its equal. It grows to fairly good size and its distinct and beautiful appearance is well shown in our photograph. All lovers of fine melons should try the **Banquet**. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



Photograph of Rhode Island Cracker Onions. The earliest of all red and yellow onions.

Rhode Island Cracker Onions.

The Cracker Onions have had a great local reputation in Rhode Island for several years. The few gardeners there who have been growing them, having realized large profits owing to their extreme earliness and very handsome appearance on the market. For a number of years we have been trying to get enough seed to offer this valuable onion to our customers, but this is the first season our supply has been sufficient to catalogue them. There is no other American onion that can approach them in earliness, being fully a week earlier than the well-known Extra Early Red, making them an excellent sort to grow where the seasons are short. Their handsome shape is well shown in the above photograph; flesh is white, of most excellent quality. They are enormous croppers and possess superior bottoming qualities, whole crops being annually grown by Rhode Island gardeners, without a single scullion. Onion growers try this valuable variety, as it is sure to prove a success. Order early, as supply of seed is limited.

Prices { **Rhode Island Yellow Cracker Onion.** Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
Rhode Island Red Cracker Onion. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.25.



PHOTOGRAPH OF THE NEW WHITE PRIZE WINNER.

New White Prize Winner Onion.

Except in Color the Exact Counterpart of Yellow Prizetaker.

We distributed several thousand trial packets of this new onion in the season of 1892, and judging by the hundreds of favorable reports **nothing equal to it** in the line of white onions has ever before been grown in America. In magnificent shape and enormous size it is the exact counterpart of the **Mammoth Prizetaker**, described on next page, differing only in its handsome silvery white skin. An enthusiastic customer, in his report, says: "It completely astonished me; there has never been an onion grown in America that can hold a candle to it." It will pay every onion grower to give the **White Prize Winner** a trial. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

New White Prize Winner.

"Your New White Prize Winner Onion is the most valuable addition to the onion family ever made."—HENRY ROLLINSON, Des Moines, Iowa.

THE MAMMOTH PRIZETAKER ONION.

American Grown Seed Crop of 1893.

This handsome variety was first introduced by us a few years since from Spain, where it is largely grown for shipment to other countries.

Hundreds of American onion growers who have grown it on our recommendation, agree in pronouncing it the largest, handsomest and most profitable yellow variety they have ever grown. Many specimens sent in to us had attained weights of from four to six pounds under special culture. It is the large, beautiful onion that is seen every fall on sale at the fruit stores and stands in the large cities (see photograph opposite). The outside skin is of a rich yellow straw color while the flesh is white, sweet, mild and tender. They bottom well, are free from stiff necks, and have produced in several instances, more bushels of marketable onions to the acre than any other variety known. In market they attract special attention, and have always been picked out at two to three times the price of any other sort on sale. The seed we offer is American grown, and much superior in quality to the cheaper imported seed offered by some. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 90c.; 1b., \$3.25; 5 lbs. and over, \$3.00 per lb.



THE GREAT KEEPING ONIONS, IVORY BALL AND GOLDEN BALL.

Since our introduction of these valuable varieties, five years since, the demand for the seed has been so great that we have been obliged to double our acreage for seed each year. They originated with one of the most successful onion growers of Ohio, his onions frequently controlling the late markets and selling rapidly at high prices even long after new onions arrived from the South, owing to their excellent keeping qualities, fine appearance and handsome shape. These varieties **are sure to bottom well**; in fact, one hundred plants, if cultivated properly, will produce one hundred fine, perfect, full proportioned onions, of much better quality for keeping or immediate use than the Southport Globe varieties. These extra qualities always insure extra prices to the growers.

GOLDEN BALL ONION.

The shape of this splendid variety is well shown in the accompanying photograph. Skin is a rich golden color, flesh of exquisite whiteness, mild, well-flavored, and of unapproachable quality, occupying the very first rank as a keeping variety. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.; 1b., \$3.50.

IVORY BALL ONION.

In size, shape and keeping qualities, this variety is an exact counterpart of our **Golden Ball**. The skin and flesh, however, are of a pearly whiteness and so smooth, round and handsome that, to a casual observer, they might easily be taken for billiard balls. It is just as easy to grow as the yellow varieties, and we recommend it to market growers in preference, for the reason that white-skinned usually command a higher price than yellow onions. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; 1b., \$4.50.





Partial view of one of our Seed Farms. Plot of our Pedigree Philadelphia Onion Seed in foreground. Seed Cleaning and Curing Houses are shown in the distance to the right about one and a half miles from where the photograph was taken.

OUR 1893 crop of Pedigree Onion Seed is unusually plump and heavy, and subjected to our greenhouse tests, in Mother Earth, shows perfect germinating power. We regret that the crops are again quite short, and as good seed will be in brisk demand, intending purchasers will be on the safe side in ordering as early as possible. We have fixed prices at the lowest living rate for the quality we furnish, and are sure that no reliable seedsmen can sell seed of equally as good quality for less money. See remarks on Philadelphia Grown Onion Seed, Page 57.

**PRICES OF OUR
PEDIGREE ONION
SEED IN QUANTITY,
FOR 1894.**

	Post-paid, per lb.	By Express or Freight 5 lb. lots per lb.	10 lb. lots per lb.
Philadelphia Yellow Dutch or Strasburg,	\$2 25	\$2 10	\$2 00
Early Round Yellow Danvers,	2 00	1 85	1 75
Philadelphia Yellow Globe Danvers,	2 25	2 10	2 00
Philadelphia Extra Early Red,	2 25	2 10	2 00
Extra Large Red Wethersfield,	2 00	1 85	1 75
Mammoth Yellow Prizetaker,	3 25	3 00	2 90
New Golden Ball,	3 50	3 25	3 15
Philadelphia White Portugal, or Silver Skin,	3 75	3 50	3 40
American Extra Early Pearl,	5 00	4 75	4 60
New Ivory Ball,	4 50	4 25	4 15

What the Leading Agricultural Papers say of our Manual :

From the Rural New Yorker, Feb. 25, 1893.

JOHNSON & STOKES, Philadelphia, Pa.—“Money Growers’ Manual” is a catalogue of 120 pages, and a decided improvement on all previous catalogues, in that the illustrations, being fine photo half-tones, are well printed and true to nature. The firm began this reform last year and it is one that all reputable seedsmen, florists and nurserymen will be constrained to follow in the near future if they would gain or retain the patronage of progressive customers.

From the American Agriculturist, March, 1893.

JOHNSON & STOKES, Philadelphia, Pa.—“Money-Growers’ Manual” of vegetable and flower seeds. A striking feature is the excellent half-tone illustrations made direct from photographs. These are the finest illustrations ever seen in a catalogue of this kind.



Photograph of a single plant of our MARKET GARDENERS' BEST PARSLEY, giving an idea of its great beauty, strong, vigorous growth and wonderful productiveness.

MARKET GARDENERS' BEST PARSLEY.

The best points yet obtained in parsley have certainly been reached in this sort, representing as it does the result of seven years' critical selection by one of our most experienced market gardeners. The plant is of a very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green hue, and very fine for either open ground or frame culture. It stands heat, drought and cold better than any known variety. This variety will yield double that of any other sort and will be found invaluable to market gardeners for selling in bunches or bunched with "pot-herbs." The whole appearance of the plant is very handsome, and it certainly is "the Parsley for either the Market or Family Garden." Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

THE PENN MANOR POTATO.

A VALUABLE NEW VARIETY DESTINED TO SUPERSEDE EARLY ROSE.

This variety, now offered for sale for the first time, was originated from a seed ball of the Early Rose by one of the largest growers of Penn's Manor, Bucks Co., Pa. We have critically tested it on our trial grounds for two seasons and have never found a hardier or more productive variety, doubling the Early

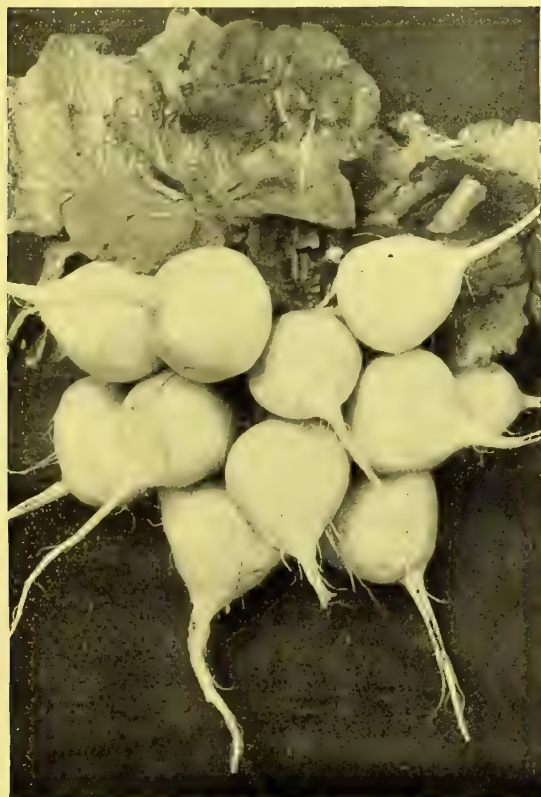
Rose in yield. The photograph alongside gives a good idea of its handsome shape and general appearance. It is fuller at the ends and has a skin in color a lighter pink than Early Rose, ripening a few days earlier and with heavier foliage, which withstands the beetle to a remarkable extent. Our stock being limited, we cannot supply more than a single barrel to any one purchaser. Lb., 50c.; 3 lbs., \$1.25, post-paid; peck, \$1.50; bush., \$5.00; barrel, \$10.00, by freight or express.



Photograph of an average tuber of the PENN MANOR POTATO.



Products of Johnson & Stokes' Seeds on the market stall of Mr. Robert Nicholls, the well known Philadelphia market gardener and originator of the celebrated *Nichol's Long Orange Carrot*, described on page 40.



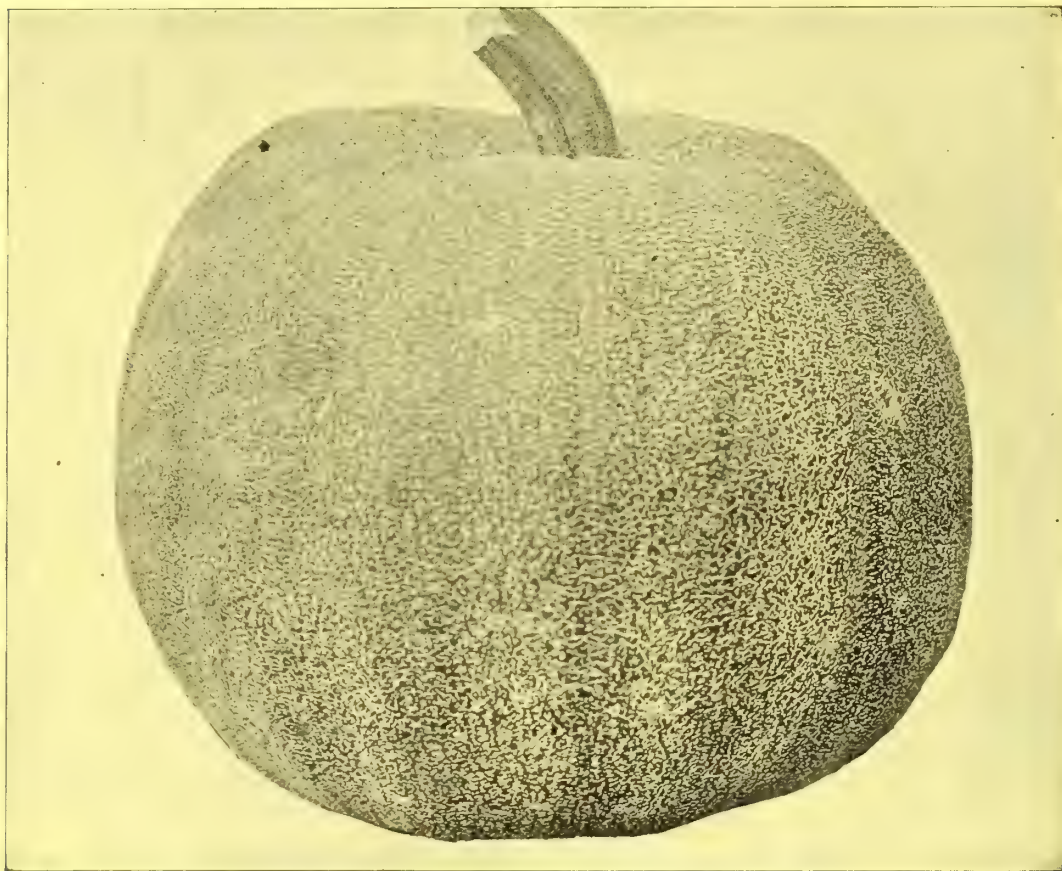
\$eed\$

THAT GROW INTO DOLLARS

For the Professional Market Gardener, will grow the very **Choicest Vegetables and Flowers** in the home garden. **Our determination** to grow only **such seeds** has increased our business to its present **large proportions**, and gained for us the largest trade enjoyed by any other house in America, direct with critical market gardeners.

FELTON'S MODEL WHITE BOX RADISH.

This is an improvement on the popular Philadelphia White Box Radish, made by Mr. Felton, a successful Philadelphia market gardener. It has the smallest top and is the earliest and best white radish for either the home or market gardener, and is the most popular and best selling radish in Philadelphia and New York markets. Its handsome form is well shown in the accompanying photograph. It is equally valuable for forcing or growing in open ground at any season of the year and might be appropriately called an "All Seasons Radish." Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



New Pumpkin—"Winter Luxury."

This new pumpkin, which we offered for the first time last season, is the result of six years' careful selection and improvement by a veteran pumpkin grower, and is pronounced by all who have thus far grown it the very best pumpkin for pies that they have ever known. It grows uniformly to a diameter of ten to twelve inches, and is enormously productive. In color it is a beautiful golden yellow, very finely and closely netted, like a netted muskmelon, as shown in photograph above. As a winter keeper and cooking variety it stands unequalled, and when known rapidly popularizes itself as the very best for either home use or market. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

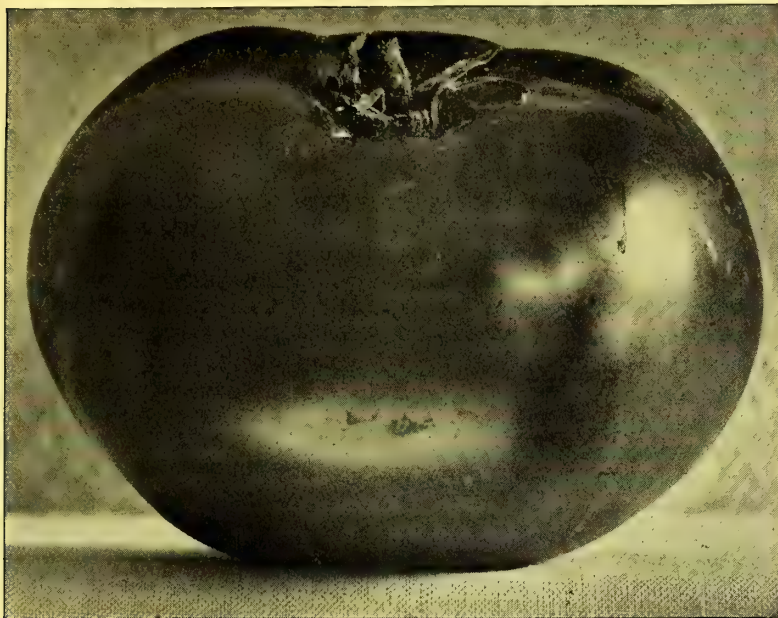
The Sweet Nut Squash.



PHOTOGRAPH OF THE NEW SWEET NUT SQUASH.

This new squash originated with Mr. Paynter Frame, of Delaware, who has been instrumental in getting up many valuable new varieties. Mr. Frame says it is the only squash that is absolutely **borer-proof**, the squash-borer having never been known to touch it, even when all other varieties were affected. The accompanying photograph fairly represents its fine medium size and form, as many as eight having been grown on a single vine. When only half grown and cooked green, as summer squashes, they are dry, fine flavored, and most delicious eating. Cut in slices and fried like egg-plants, they can hardly be distinguished from that excellent vegetable, but their **greatest value consists in being used as a winter squash**. When pulled before frost, laid away in a dry room or cellar, they will keep sound and sweet the whole winter through. For making pies, custards, etc., their beautiful yellow flesh possesses a dry, rich, sweet flavor, even without the use of sugar. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

New Tomato No. 75, The Liberty Bell



PHOTOGRAPH OF THE NEW LIBERTY BELL TOMATO.

For many years we have paid the closest attention to Tomatoes with the result that many of the most popular varieties now in cultivation were first introduced by us. When we first offered, some years ago, the now famous **Atlantic Prize** and **Market Champion**, we supposed perfection had at last been reached in **Extra Early** Tomatoes, but from our own tests for the past three years, and the unqualified endorsements of hundreds of customers, to whom we distributed free trial packets, labelled No. 75, last season, we believe we have in the New No. 75 the most valuable Tomato ever introduced

to the American public. We value this New Tomato so highly that we have named it in honor of the old **Liberty Bell**, whose tones one hundred and seventeen years ago rang out the creation of a nation and the independence of a continent. There is not money enough in the world to buy from the people of Philadelphia this sacred relic of the country's liberty, and with the citizens of the nation at their backs there is no army in the world that could wrest it from them. The old Liberty Bell, of which we show an excellent photograph, proved one of the greatest attractions at the World's Fair, and was no doubt seen by thousands of our customers who visited Chicago. This old bell, in its triumphal journey between Philadelphia and Chicago, received an ovation such as has never been accorded monarch or man.

To return to our **New Tomato, Liberty Bell**, we refer you to the few sample testimonials printed below. We have hundreds of similar ones on file in our office, and regret our limited space forbids their publication.



Not what we say, but what others say.

WALTER QUADLING, Cedarville, N. J., Sept. 22, 1893, writes: "For the last twelve years I have raised tomatoes for market on from four to nine acres each season, and never have I seen anything to equal this new variety, No. 75 (Liberty Bell), in productiveness and all other qualities. I think so well of them that my next season's raising will be entirely of this kind."

A. MILLER, Albion, N. Y., Aug. 24, 1893, writes: "Your Tomato, No. 75 (Liberty Bell), was the earliest and by far the best cropper of twelve new varieties I tried this season. It is large, smooth and ripens well up to the stem. All these good results, notwithstanding the extreme drought here for the past three months."

BENJAMIN PEARSON, Piper City, Ills., Sept. 16, 1893, writes: "The best tomato we grew this season has by all odds been your New No. 75 (Liberty Bell). The vines grew strongly and were loaded with the finest fruit we ever saw; beautiful red color, plump, very solid and of better flavor than any other variety grown here."

A. H. VAN NORMAN, Waterford, Mich., Aug. 30, 1893, writes: "I found the New Tomato, No. 75 (Liberty Bell), the earliest and best of all the varieties that I ever planted. It is smooth, fine flavored and first-class in every respect."

ERWIN CHURCH, Mitchell, Mich., Sept. 14, 1893, writes: "The New No. 75 (Liberty Bell), is worthy of being classed at the head of the list of Tomatoes. It ripened with the Atlantic Prize, is larger, very smooth, fine and solid."

J. M. EDGALL, Ocklawaha, Fla., Aug. 28, 1893, writes: "The No. 75 (Liberty Bell), ripened before the Atlantic Prize and is a more thrifty grower; it does not curl its leaves as much and is a longer keeper. I think them the most desirable Tomato for the South, being well adapted to our hot climate. I am now planting them again for my fall crop."

JAS. UPDEGRAFF, Irwin, Pa., Nov. 14, 1893, writes: "The new Tomato, No. 75 (Liberty Bell), are the finest. I sent a number of plants to different growers around here, who have given them a fair trial, and they all pronounce them the earliest, best and largest tomatoes ever seen in these parts."

Prices for 1894 : Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.; 12 pkts., \$1.00.



Brinton's Best Tomato. From a Photograph.

The Great B. B. (Brinton's Best) Tomato.

In the summer of 1891 we accepted an invitation from Thomas H. Brinton, the veteran tomato specialist, to visit him and inspect his tomato trials for that season. We found **72 varieties** under test, among them such noted ones as Cumberland Red, Brandywine, Atlantic Prize, Ignatum, Matchless, New Stone and others. After careful examination, we were particularly struck with the merits of an entirely new variety (not yet named), and it was the unanimous decision of all those present that this

was the **finest of all**. The vines being the most prolific, fruit very large, perfectly smooth and ripened up well to the stem, with scarcely any depression and not a crack in any of its handsome bright red fruits. We were so greatly pleased with it that we at once purchased the variety and stock seed from Mr. Brinton, and were able to offer it to the public for the first time last spring, making it the subject of a beautiful colored plate on the back of our Manual. It met with very large sale in all sections and out of hundreds of unsolicited testimonial letters received there is not one who does not pronounce it "**The very best tomato they have ever grown.**" The photograph above of an average specimen taken from our patch will give some idea of their magnificent size and handsome smooth shape. The vines grow vigorously and produce abundantly until killed by frost. They ripen medium early, keep a long time after being pulled and attract great attention on the market, owing to their beautiful deep red color and uniformly even large size and perfect smooth shape. It will pay every market and private gardener



THOMAS H. BRINTON,
Originator of the Great B. B.
Tomato.

who has not yet done so to give the great B. B. a trial. Pkt., 10c.; 3 pkts., 25c.; oz., 50c.; 2 oz., 90c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Novelties ... in ... Farm Seeds

New Bronze Oats—The Mammoth Cluster.

This valuable new oats, now offered for the first time, originated in the great oat growing section of Western New York, where it was put out last year among twenty of the best farmers for test, just one acre on each farm, this acre to have the same culture as the rest of the field. The three greatest yields were 114, 105 and 104 bushels per acre, respectively, while the average yield for the whole twenty of these acres was seventy-seven bushels, ten pounds per acre, or twenty-seven bushels more than other kinds grown under similar culture alongside. The few farmers who have grown the **Mammoth Cluster** pronounce it "the best oat introduced in the last decade." The straw is long, very strong and stiff, standing up on any soil. The grain is a beautiful bronze color, growing in clusters upon the head, as shown in our photograph, having a very thin husk which makes it very desirable for feeding, and weighing from thirty-eight to forty-four pounds per bushel. The largest and finest heads of oats we have ever seen are those of the **Mammoth Cluster**, now on exhibition at our warehouse and attracting great attention from all farmers who call upon us. Large pkt., 15c; lb., 35c.; 3 lbs., \$1.00, post-paid; peck, 75c.; bush, \$2.00; bag of 2½ bush., \$4.50; 10 bush. and over, \$1.75 per bush., sacks included.

New Field Corn—The 100 Day Bristol.

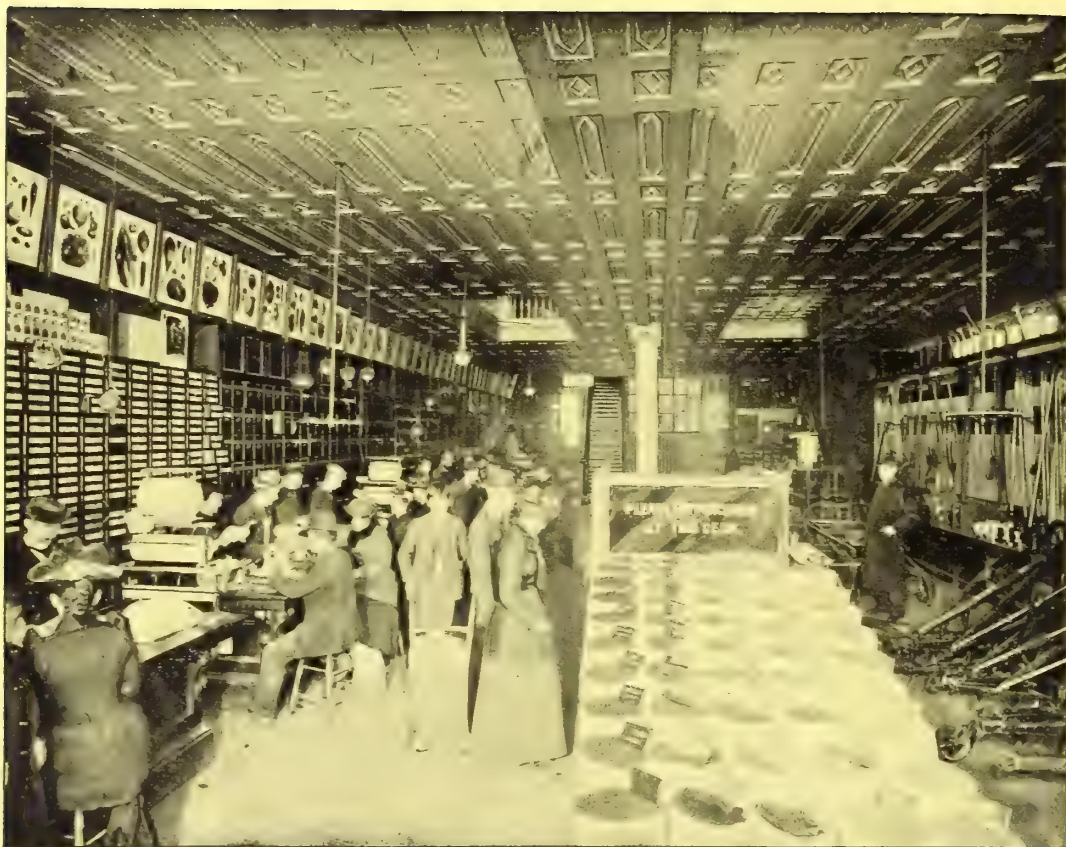
The largest eared and earliest Yellow Dent Corn in cultivation. This strong claim has been fully substantiated by the testimony of hundreds of our best farmers who planted it last season for the first time. The grain is bright yellow, large, broad and deep. Enormously productive, one hundred bushels to the acre being no uncommon yield, while the yield of fodder is twice as great as that of any other early field corn. See history and testimonials under *Farm Seeds*, page 79. Pkt., 15c.; lb., 40c.; 3 lbs., \$1.00, post-paid; peck, 80c.; bush., \$2.50; sack of 2 bush., \$4.50, by freight or express.



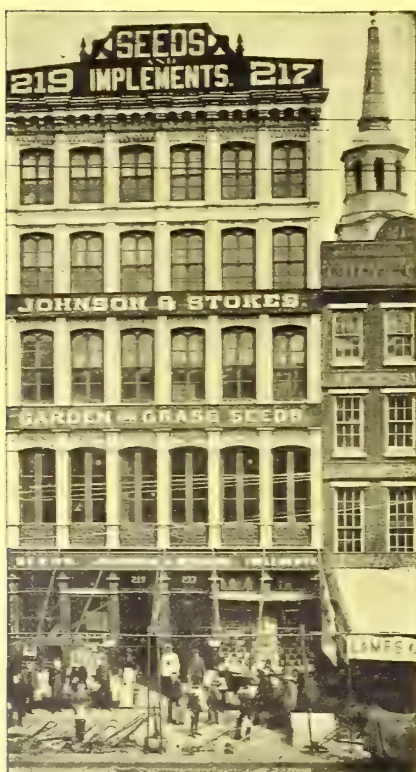
A SINGLE HEAD OF MAMMOTH CLUSTER.



PHOTOGRAPH OF AN AVERAGE EAR OF THE 100 DAY BRISTOL.



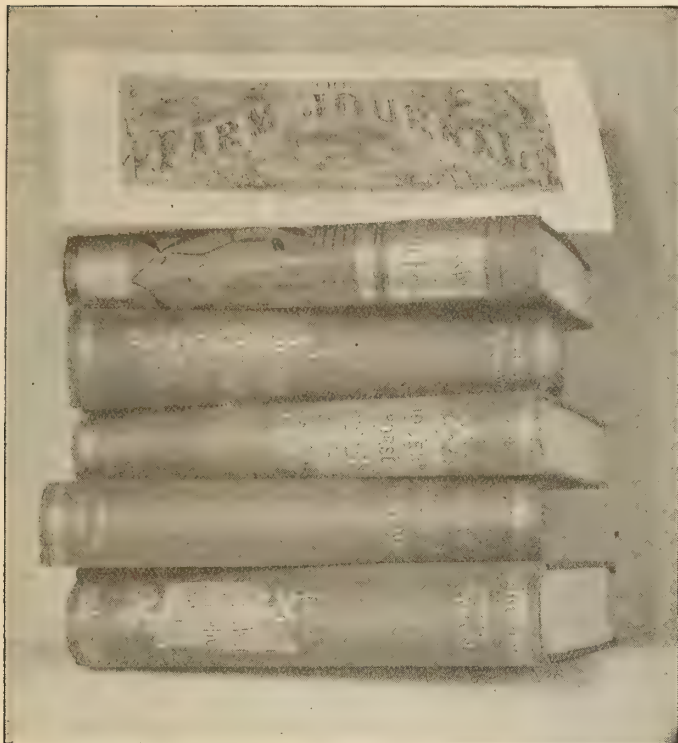
Photograph of First Floor, 217 and 219 Market Street. Our Retail Department for Counter Trade.



OUR MARKET STREET STORES.

THINKING it might prove interesting to many of our customers in distant sections of the country, who have never visited Philadelphia, to look in upon us, we have had the above excellent photograph reproduced, showing our first floor, or Retail Department at Nos. 217 and 219 Market Street. Our offices are located on the second floor, immediately over this department. Our Mail Order Department is in the rear, occupying the second floors of Nos. 206 and 208 Church Street, the first floor of that building being used for our Express and Freight Order and Shipping Departments. The upper floors of both buildings are used for cleaning, packing and storing seeds, being connected with the lower floors by three large elevators. The basements are used almost entirely for the storing of Seed Potatoes. These **Great Double Seed Warehouses, the largest in the East**, are arranged expressly for the seed business and exclusively occupied by us. In the background, to the right of the photograph of our Market Street stores, appears the steeple of **Old Christ Church**, which is directly opposite our Church Street stores, and is one of the most historical spots in Philadelphia. This church was commenced in the year 1727, and the building and steeple completed in 1753. In pews Nos. 54 and 56, General George Washington and wife worshipped regularly, and in pew No. 70, Benjamin Franklin. John Adams, Robert Morris, Francis Hopkinson and Mrs. Ross, who made the first American flag, the Stars and Stripes, in a house yet standing near by, were also parishioners of this church, which now contains many precious relics of Colonial days.

Our Free Book Premiums for 1894.



On Vegetable Culture.

Asparagus Culture. The best methods employed in England and France, by Barnes & Robison	\$0 50
Broom Corn and Brooms. Cloth	50
Cabbages—How to Grow Them, Gregory. Paper	30
Cauliflowers and How to Grow Them, Brill	20
Hop Culture. 40 engravings	30
Kalamazoo Celery, Bochoire	50
Mushroom Culture, J. & S. Paper Circular	10
Mushrooms—How to Grow Them. The most complete work published on the subject, giving minute details and illustrations. Cloth	1 50
New Onion Culture—How to grow 2000 Bushels to the Acre, T. Greiner	50
Onion Raising, Gregory	30
The Peanut Plant, B. W. Jones	50
New Potato Culture, as developed by the French system and the use of chemical fertilizers, Carmen	50
Squashes—How to Grow Them, Gregory	30
Sweet Potato Culture, Fitz	60
Tobacco Culture. Full practical details	25

On Floriculture.

Practical Floriculture. A book for Florists, Henderson	1 50
Horticulturists' Rule Book, Bailey	1 00
The Window Garden	10
Landscape Gardening. A collection of Plans illustrating the improvement of home grounds, etc., Long	50
How to Destroy Insects on Plants and Flowers	30
My Handkerchief Garden, Barnard	25
Handbook of Plants. A very valuable book of reference, containing everything relating to general Horticulture, and with plain directions for the Cultivation of Vegetables, Fruits and Flowers; 800 illustrations. Henderson	4 00
The Rose, Elwanger	1 25
Hints on Cacti, Blanc	10
The Garden's Story. The pleasures and trials of an amateur gardener, Elwanger	1 50
Your Plants. Their care and Treatment, Sheehan	40
How to Plant a Place	20

On Fruit.

The Fruit Garden, Barry	2 00
The Nursery Book. A complete guide to propagation and pollination, Bailey	1 00
Grape Culturist, Fuller	1 50
Strawberry Culturist, Fuller	25
Success with Small Fruits, Roe	1 50

The following list of **Premium Books and Magazines** has been selected with great care and we believe every farmer, gardener or owner of a suburban home will appreciate our offer for them to choose from it a book that will give valuable information upon the particular branch of rural life in which he is especially interested. We will send them post-paid on receipt of price, or they will be sent free as Premiums with all Vegetable and Flower Seed orders from this catalogue, as follows:

Those ordering \$2.00 and over may select free any book priced at 30c. or less.

Those ordering \$3.00 and upwards, may select free any book or Magazine priced at 50c. or less.

Those ordering \$6.00 and upwards, may select free any book or Magazine priced at \$1.00 or less.

Those ordering \$8.00 and upwards, may select free any books or Magazines the total price of which is \$1.50 or less.

Those ordering \$10.00 and upwards, may select free one or more books or Magazines the total price of which is \$2.00 or less.

Those ordering \$12.00 and upwards, may select free one or more books or Magazines the total price of which is \$2.50 or less.

Those ordering \$20.00 and upwards, may select free one or more books or Magazines the total price of which is \$4.00 or less.

Please remember these premiums apply only to Vegetable and Flower Seeds, and cannot be allowed on Seed Potatoes, Onion Sets, Farm or Grass Seeds, Implements, Garden Tools, Fertilizers or Live stock.

On Farm and Garden Topics.

\$100 Prize Essays. Valuable essays by practical growers on the following subjects: "How and What to Grow in the South for Northern Markets," "Culture of Cabbage and Onions, with Hints for Storing and Marketing," "The Family Vegetable Garden." Johnson & Stokes. Paper	\$0 30
Practical Farm Chemistry, T. Greiner	1 00
Gardening for Profit, Henderson	2 00
Gardening for Pleasure, Henderson	2 00
How the Farm Pays, Henderson and Crozier	2 50
Play and Profit in my Garden. In this are combined rare literary taste and skill, with agricultural experience and good sense. E. P. Roe	1 50
How Crops Grow. A treatise on the chemical composition, structure and life of the plant, Johnson	2 00
How Crops Feed. A treatise on the atmosphere and the soil as related to the nutrition of plants, Johnson	2 00
Silos, Ensilage and Silage, Miles	50
Irrigation for the Farm, Garden and Orchard, Stewart	1 50
Draining for Profit and Health, Waring,	1 50
Land Measurer for Farmers, Reddie	60
Manures—Method of Making, Bommer	25

On Live Stock.

Profits in Poultry. Useful and ornamental Breeds and their profitable management	1 00
An Egg Farm, Stoddart	50
Duck Culture, Rankin	50
A, B, C of Bee Culture, A. I. Root	1 25
The Dairyman's Manual, Stewart	2 00
The Shepherd's Manual, Stewart	1 50
The Modern Horse Doctor, Dodd	1 50
Training of Shepherd Dogs, Wickham	50
Dog Training. How to train Hunting and Pet Dogs	1 00
Diseases of Dogs, Dalziel	80
The Collie. Its history, points and breeding, Dalziel	1 00
How to Rid Buildings and Farms of Rats, Pickett	20

Magazines. (Yearly Subscriptions.)

Farm Poultry. A Monthly Magazine devoted to Poultry Raising, will be found a wonderful guide and help to everyone who attempts to raise a chicken	50
The Poultry Keeper. A Monthly Journal for everyone interested in making poultry pay	50
Farm Journal. A Monthly Journal of the Farm. The brightest, spiciest farm paper published	50



IN the following pages we have endeavored to list the cream of all varieties known, weeding out many that are still advertised by other seedsmen, but which our extended tests and experience have proven to us are unworthy of cultivation. We take great pains each season to inform ourselves fully as to the real merits of everything offered as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our MANUAL, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. It is our constant aim thus to gain and hold the confidence of all customers, and insure them against disappointment.

Under this head we also illustrate and describe many of our choice SPECIALTIES. Among these will be found many valuable novelties recently introduced, to the growing of which we have given special attention. The varieties which we have printed in CAPITALS are highly recommended, many of them being improved sorts of great merit.

SEEDS POSTPAID BY MAIL.

Seeds, by mail, all postage prepaid.

Our prices include prepayment of postage by us on all seeds ordered by the packet, ounce, quarter pound, pound, pint or quart. Thus you have only to send us the list price, and we guarantee safe delivery of the

LIBERAL PREMIUMS ON SEEDS IN PACKETS.

As an inducement to our customers to get their neighbors and friends to club with them in sending orders, we will allow each purchaser of seeds in packets, to select 25 cents' worth extra for each \$1.00 sent us. Thus, purchasers remitting \$1.00 may select seeds, in packets only, to the amount of \$1.25; those remitting \$2.00, to the amount of \$2.50; those remitting \$3.00, to the amount of \$3.75, and so on. In addition every purchaser of \$2.00 and over, in one order, is entitled to select a book premium, as offered on the preceding page.

ASPARAGUS.

ASPARAGUS is one of the earliest spring vegetables, and would be in universal use were it not for the prevalent idea that it is difficult to grow. We think this is a mistake, and that no vegetable on our list can be produced so cheaply and easily as this. (Directions for planting and culture will be found in our book of 100 Prize Essays, which may be selected free as a premium with all orders of \$2 and over.) A bed 12 x 40 feet, requiring about 100 roots, should give an abundant supply for an ordinary family. One ounce seed will sow forty feet of row; 7,260 roots will plant an acre.

DONALD'S ELMIRA ASPARAGUS. A magnificent new asparagus. (See *Novelties*, page 3.)

CONOVER'S COLOSSAL. A well-known, good, standard variety. Seed pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. Roots: 1 year old, 90c. per 100 (by mail, postpaid, \$1.15 per 100); \$4.50 per 1,000; 2 years old, \$1.00 per 100; \$5.00 per 1,000, by express or freight.

NEW PALMETTO ASPARAGUS. This new asparagus, supposed to have originated in South Carolina, is now quite extensively grown by Southern gardeners for New York and Philadelphia markets, where it sells at very high prices, owing to its mammoth size and regularity. An average bunch of fifteen shoots will measure thirteen to fourteen inches in circumference. For the past four seasons this asparagus has reached Northern markets ten days ahead of all other varieties, and sold at fabulous prices, even after other varieties had come in. Although of Southern origin, it is equally well adapted to North and South.

Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00. Splendid strong roots, 2 years old, \$1.50 per 100 (by mail, \$1.75 per 100); \$7.00 per 1,000 (500 roots at 1,000 rate.)

ASPARAGUS CULTURE—Best Methods. By Jas. Barnes and William Robinson. Price, 50c., or may be had free. (See *Book Premiums*, page 25.)



BARR'S PHILADELPHIA MAMMOTH. This grand variety originated with Crawford Barr, a prominent market gardener of Pennsylvania. Grown side by side with Conover's Colossal, it comes in earlier and grows more than twice as large. It is very productive, throwing up a great number of strong, well-developed shoots throughout the entire season. It is tender to the stem, of delicious flavor, and requires much less labor in cutting and bunching, making it the most desirable kind yet introduced for the market gardener. It has attracted much attention in Philadelphia, where it is much sought after, and sells at double the price of any other sort. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00. Good strong roots, 1 year old, \$1.00 per 100 (by mail, \$1.25 per 100); \$6.00 per 1,000; 2 years old, \$1.25 per 100; \$7.00 per 1,000 (500 roots at 1,000 rate.)

ARTICHOKE.

As a table vegetable the Artichoke deserves to be more generally cultivated. The part eaten is the flower head, which is used before it begins to open, and cooked in much the same way as asparagus.

Large Green Globe. Pkt., 10c.; oz., 45c.; lb., \$4.50.
Artichoke Roots for hog feed will be found under "Farm Seeds." Peck, \$1.00; bush., \$3.00; bbl., \$7.50.

BEANS.—Dwarf Green Podded Sorts.

LARGE PACKETS, 10C. EACH, POST-PAID.

One quart will plant one hundred feet of drill; two bushels will plant an acre in drills.

Please remember that our prices on all Beans by the pint or quart include prepayment of postage by us. If ordered to be sent by express or freight 8c. per pint or 15c. per quart may be deducted.



NEW UNION WHITE VALENTINE. This variety is a complete union of all qualities necessary to make a dwarf green-pod bean perfect. It is much earlier and of a dwarfer habit than the old White Valentine, the pods being rounder, smoother, plumper, more meaty, and entirely stringless. It possesses the peculiar and valuable quality of remaining in a tender cooking condition longer than any other green-podded variety. This, together with its extreme earliness, makes it an exceedingly valuable sort for spring or fall planting. The beans, when ripe, are pure white, thus enabling the grower to sell them as shelled beans at a profitable figure. Pkt., 10c.; pint, 25c.; qt., 50c.; peck, \$1.75; bush., \$6.50.

NEW IMPROVED ROUND POD EXTRA EARLY RED VALENTINE. This is unquestionably the very best and earliest green snap-short bean. It is at least ten days earlier than the Early Red Valentine, and is usually ready to pick thirty-five to forty days from the time of planting. The vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. Vines, very uniform, making little or no top growth, and producing enormously. Pkt., 10c.; pint, 20c.; qt., 40c.; post-paid. By freight or express, pint, 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

EMPEROR WILLIAM. A new extra early variety with large green flat pods of fine quality. It is very productive and valuable for either family use or market. Can also be used as a White Shell Bean when dry. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$5.00.

PRIDE OF NEWTON. A new extra early and very productive variety, with large flat, light green pods. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$5.00.

EARLY MOHAWK. The hardiest of the early varieties, and will endure a light frost; largely planted in the South. Pint, 20c.; qt., 35c.; peck, \$1.10; bush., \$4.00.

NEW EXTRA EARLY REFUGEE. This has all the first-rate qualities of the well-known Refugee, which it is gradually superseding. It is ready for the market ten days earlier, or about the time the ordinary Refugee is in flower. An immense yielder and sure to produce a crop in either a wet or dry season. It is a fine shipper, and fast becoming one of our most popular green podded snaps for both spring and summer planting. Our stock has been specially selected and improved. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.40; bush., \$5.00.

BEST OF ALL. This bean originated in Germany. It has long glossy pods, about twice as long as those of the Valentine, very tender and succulent, and an enormous producer. Very popular in the South. Pint, 25c.; qt., 45c.; peck, \$1.40; bush., \$5.00.

We can also supply the following standard varieties which are too well-known to need description, at the uniform price of 10c. per pkt.; 20c. per pint; 35c. per qt., post-paid; \$1.10 per peck; \$4.00 per bush., by express.

Early Red Speckled Valentine.

Etampes, or First of All

Early Long Yellow Six Weeks.

Refugee, or Brown Valentine.

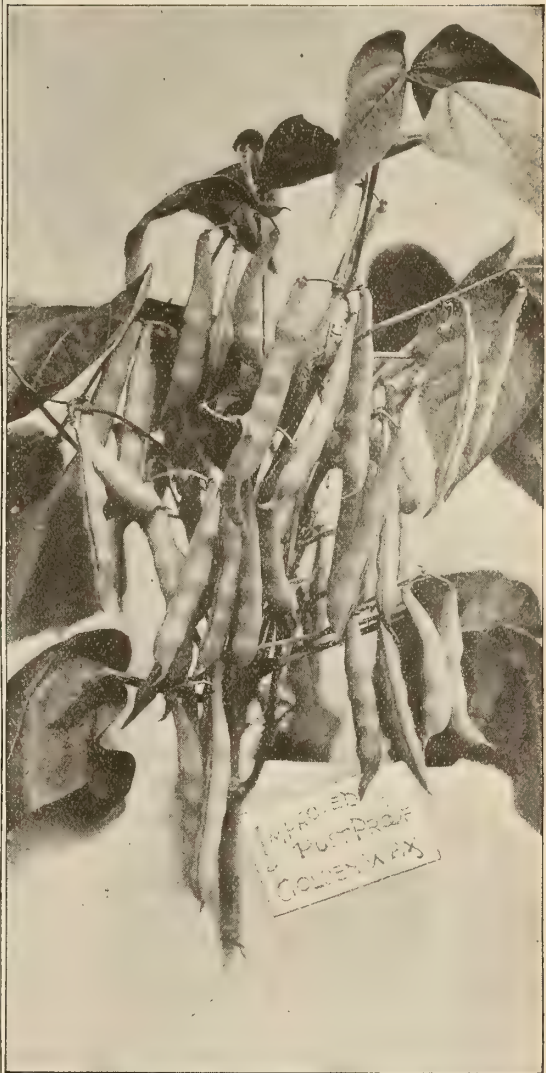
Early China Red Eye.

Broad Windsor. Ne Plus Ultra.

BEANS.—Dwarf Wax Sorts.

LARGE PACKETS, 10C. EACH, POST-PAID.

NEW EXTRA EARLY REFUGEE WAX. This new variety is one of the earliest beans grown. It is a perfect Refugee, with wax pods that are long, round, and of golden yellow color. It is suitable for early or late sowing, and for a wet or dry season. If sown in the spring it will give seed in time for a second crop in the fall. Is an immense yielder. Pkt., 10c.; pint, 35c.; qt., 60c.; peck, \$2.00; bush., \$7.50.



IMPROVED RUST-PROOF GOLDEN WAX BEAN.

IMPROVED RUST-PROOF GOLDEN WAX.

Grennell's Strain. (See illustration.) From our own crops of this splendid new variety, and the high opinions of gardeners who have thus far grown it, we believe that it must eventually take the place of the well-known Golden Wax, which has for many years been a great favorite with both market gardeners and private planters. It originated with Mr. W. H. Grennell, a large bean grower of New York State, and from whom we originally obtained our seed. It is among the earliest and hardiest of all the Wax Beans. The pods are straight, long and thicker than the Golden Wax, much superior in quality and absolutely rust-proof. On our Jefferson County Bean Farm, the past two seasons, it has outyielded the Golden Wax two to one. Pkt., 10c.; pint, 25c.; qt., 50c.; peck, \$1.75; bush., \$6.50.

GERMAN BLACK WAX. A well-known and popular variety; pods when fit for use are waxy yellow, tender and productive. Pint, 20c.; qt., 40c.; peck, \$1.75; bush., \$6.00.

GOLDEN WAX. This variety is earlier than the old German Black Wax; pods long, brittle, entirely stringless. Pint, 25c.; qt., 40c.; peck, \$1.60; bush., \$5.75.

YOSEMITE MAMMOTH WAX. The enormous pods of this splendid new bean frequently attain a length of ten inches, with the thickness of a man's finger. They are nearly all solid pulp, the seeds being very small when the pods are fit for use. Pods are a rich golden color and absolutely stringless, cooking tender and delicious. It is enormously productive, fifty of its monster pods having been counted on one bush. Pkt., 10c.; pint, 35c.; qt., 60c.; peck, \$2.50.



New Golden-Eyed Butter Wax Bean.

This splendid bush bean is earlier than the popular Wardwell's Kidney Wax and Golden Wax sorts. The vine grows about one and a half feet high, and is strong and vigorous, holding its heavy load of handsome pods well off the ground, thus keeping them clean and attractive. The pods are long, straight and flat. They are larger and handsomer than Golden Wax, and remarkably *free from blight and rust*. When picked along with other wax varieties, this bean keeps bright and crisp long after the others are wilted and unsalable, which makes it one of the best for market and shipping. It is also one of the very best dry shelled beans, being very much like the White Marrow when baked. It will pay every market and family gardener to plant a considerable portion of his crops in this variety. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid; qt., 35c.; peck, \$1.75; bush., \$6.50, by freight or express.

CURRIE'S RUST-PROOF BLACK WAX. In describing this new bean, one of the largest bean growers of the North, writes as follows: "Currie's Rust-Proof has proved to be a *novelty* worthy of its name. After four years' experience with it, tested side by side with wax beans from other growers, we have found it nearest to perfection of them all. For earliness it is at the head of the wax bean family. Habit, upright and robust, holding the pods well from the ground. Pods, long, flat and straight, of a beautiful golden color; quality, not surpassed, and for productiveness unequalled." All the above claims we have fully substantiated in our own tests, and we recommend it to our market customers with the greatest confidence. Pkt., 10c.; pint, 35c.; qt., 60c.; peck, \$2.00; bush., \$7.50.

NEW PROLIFIC GERMAN, or CYLINDER BLACK WAX. This is an entirely new and improved strain of the old favorite German or Black Wax Bean, originated by a large bean grower of Genesee County, N. Y. We find it very superior to the old strain, being much earlier and more than twice as productive. Pods perfectly round, straighter, longer and of an even, rich golden color. Our stock is grown for us by the originator. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.75; bush., \$6.25, by freight.

SCARLET AND VIOLET FLAGEOLET, or PERFECTION WAX BEANS. These varieties were brought from Germany several years since. They do not differ materially. Both have vigorous, strong-growing vines, bearing *very* large, long, flat and tender pods. The Scarlet Flageolet is a little the earlier, but the Violet has larger pods. We recommend them as among the largest and most showy beans.

SCARLET FLAGEOLET WAX. Pkt., 10c.; pint, 25c.; qt., 50c., post-paid; peck, \$2.00; bush., \$7.00.

VIOLET, or PERFECTION WAX. Pkt., 10c.; pint, 25c.; qt., 50c., post-paid; peck, \$2.00; bush., \$7.00.

WARDWELL'S EARLY DWARF KIDNEY WAX. This variety, introduced by us six years ago, has given unbounded satisfaction wherever tried. Gardeners unanimously pronounce it the *hardest* and *most productive* wax bean they ever grew. The most valuable point, however, in its favor is that it does not show the *slightest indication of rust or spot*. It is greatly superior to the well-known Dwarf German Black Wax or Golden Wax sorts in every respect. The vines are remarkably vigorous, hardy, and productive; the pods are very large, smooth, showy, tender, perfectly stringless, and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth. The dry beans are white, with two shades of reddish purple more or less visible, and a distinct kidney shape. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; peck, \$1.75; bush., \$6.50.

NEW SPECKLED WAX. The best late wax *podded* bean. Its long, cylindrical, waxy yellow pods are tender, crisp, and of the best quality when in condition to use for snaps, while as a green shelled bean it has no superior. For those who wish to plant but one variety, *this is the best*. Pkt., 10c.; pint, 35c.; qt., 60c.; peck, \$2.00; bush., \$7.50.

GRISWOLD'S EVERBEARING WAX. This new bean originated with Thomas Griswold, the well-known Connecticut seed grower. The pods are thick, fleshy, entirely stringless, growing six to seven inches in length, an exceedingly rich, buttery and fine-flavored when cooked. Their greatest value, however, is in their *everbearing* character, beginning to bear early and continuing to produce their magnificent pods in great abundance throughout the entire season. The stalk is stiffer and branches out more than any other bean, hence they should never be planted less than ten inches apart in the rows. Pkt., 10c.; pint, 40c.; qt., 75c.

Dwarf White Wax. Similar to Black Wax, except in color of seed. Pint, 30c.; qt., 50c.; peck, \$1.75; bush., \$6.50.

BEANS—Varieties for Shelling.

LARGE PACKETS, 10c. EACH, POST-PAID.

DREER'S NEW BUSH LIMA. The best of all the Dwarf or Bush Limas. (See *Novelties*, page 4.) Pkt., 10c.; pint, 40c.; qt., 80c., post-paid.



"The Dreer's Bush Limas are the greatest yielders of any beans I ever raised; as a result of planting just eight of them I got 763 beans."—FRANK L. ADAMS, Warren, R.I.

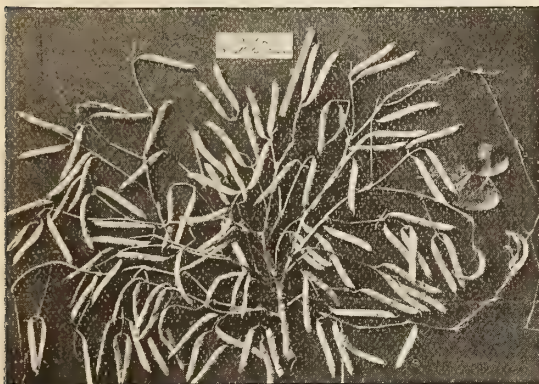
"I planted *Dreer's Bush*, *Burpee's Bush* and *Henderson's Bush Limas* this season, and find the Dreer's Bush far ahead of all the others. They ripened perfectly and produced enormously in this far northern latitude of Vermont. Dreer's Bush has no equal, and will undoubtedly be the leading Bush Lima. I took seventeen first and nine second premiums at our Fair this fall, my seeds being bought of you."—CHAS. G. ENDLICH, Brattleboro, Vt.

"Dreer's Bush Limas, bought of you last spring, proved in all respects more satisfactory than any I have grown. They were very early, prolific and entirely true to the bush habit."—JOSHUA GARRISON, Church Point, Va.

"I am immensely pleased with your Dreer's Bush Lima Beans. I consider them by far the finest of all the Bush or Pole Limas I ever raised."—MINERVA BLALOCK, Mt. Zion, Ill.

BURPEE'S BUSH LIMA. The true bush form of the Large Lima Pole Bean. (See *Novelties and Specialties*, page 4.) Pkt., 10c.; pint, 40c.; qt., 75c., post-paid.

HENDERSON'S BUSH LIMA. This valuable variety is at least *two weeks earlier* than any of the climbing Limas and produces a *continuous crop* until frost. Being enormously productive, a very small patch will keep a family supplied throughout the season. The beans are of the size of the Sieva or Southern Lima, and of delicious quality. Pkt., 10c.; pint, 30c.; qt., 55c., post-paid; peck, \$2.25; bush., \$8.00.



BOSTON SMALL PEA BEAN.

BOSTON SMALL PEA. This new bean sells in Boston market at from thirty to forty cents a bushel above the ordinary varieties of pea and medium beans. It is early, very hardy and prolific and yields from fifty to sixtyfold with ordinary field culture. We have frequently picked over one hundred pods from one plant, averaging six beans to the pod. The seed is small, round and handsome. Pkt., 10c.; pint, 25c.; qt., 50c.; peck, \$1.40; bush., \$5.00.

NEW SNOWFLAKE FIELD. This new variety, introduced four years since, has given wonderful results. It has proven very much *earlier* and *more prolific* than either the common standard Pea Bean, or Prolific Tree Bean. The plant grows upright, holding its pods well up from the ground. They are borne in thick clusters, and ripen all at once. The leaves fall off earlier than with other varieties, thus opening the pods to the sun. We believe it will eventually supplant the old varieties of White Pea Beans. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.75.

BURLINGAME MEDIUMS. This is the leading field bean in Central New York. On the "Genesee Flats" fifty bushels to the acre is not an uncommon yield. The beans are pearly white in color, and do not rust or spot. Burlingame Mediums are much sought after by dealers everywhere, and always command top-notch market prices. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$1.10; bush., \$4.00.

Royal Dwarf, or White Kidney. Among the best as a winter bean. Pint, 20c.; qt., 35c.; peck, \$1.20; bush., \$4.25.

White Marrowfat. Extensively grown for sale as a dry bean for winter use; excellent shelled, either green or dry. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.75.



PROLIFIC TREE BEAN.

White Navy, or Pea Bean. A well-known standard sort for field culture. Seed white, nearly round. Very productive. Pint, 20c.; qt., 35c.; peck, \$1.10; bush., \$4.00.

BEANS—Pole, or Running.

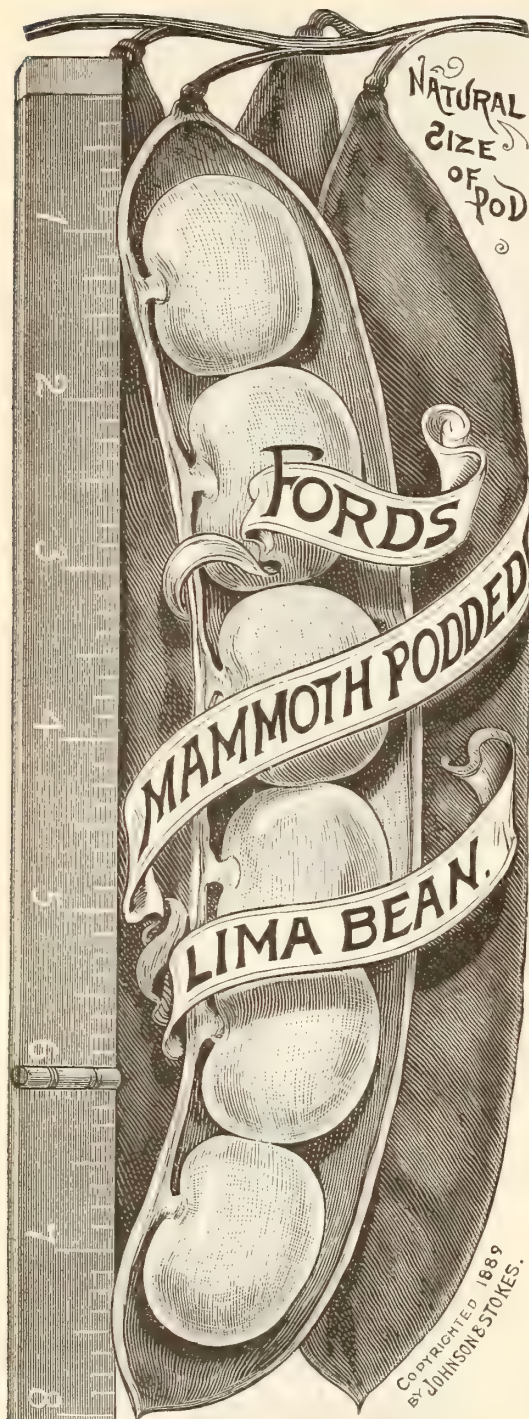
MASTIFF GOLDEN POD. (*New*.) Crop failed owing to drought.



LAZY WIFE'S POLE. This fine pole bean, introduced by us a few years since, has become a great favorite. The pods grow from four to six inches long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green, and retain their tender, rich, stringless flavor until nearly ripe. The beans are white, and unsurpassed as shell beans for winter use. They are pronounced by all who have grown them the best green podded snap-short Pole Bean in cultivation. We cannot commend this bean too highly. Pkt., 10c.; pint, 30c.; qt., 55c.; post-paid; qt., 40c.; 4 qts., \$1.50; peck, \$2.50, by express.

Dwarf Horticultural. A dwarf variety of the Horticultural Pole Bean. Pint, 20c.; qt., 40c.

PROLIFIC TREE. A valuable variety for field culture, growing about twenty inches in height, branching out in all directions, bearing its pods so high that they do not touch the ground. They have yielded at the rate of nearly one hundred bushels to the acre. They resemble the common Navy Bean, more rounded at the ends and very white, cooking in less time. Pint, 20c.; qt., 35c.; peck, \$1.10; bush., \$4.00.



BEANS.—The Cream of the Limas.

FORD'S MAMMOTH PODDED. (See Illustration.) This grand new Lima Bean is the result of over twenty years' selection by Jas. Ford, one of the oldest and most successful market gardeners around Philadelphia. No novelty we have ever offered cost us so much money for seed, and even at the fabulous price offered Mr. Ford for his entire stock he hesitated, but finally accepted our offer. In mammoth size, great productiveness and fine quality it far surpasses even such varieties as the **King of the Garden**, **Salem Improved** and other fine sorts. The pods grow to an average length of eight inches, as shown in the accompanying engraving, made from nature, and are produced in great clusters, with from five to seven beans per pod, of most excellent quality, for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is without exception the **largest podded, finest flavored and most productive of all Lima Beans.** Pkt., 10c.; pint, 35c.; qt., 65c., post-paid; by freight or express, qt., 50c.; 4 qts., \$1.75; peck, \$3.00; bush., \$11.00.

THE WILLOW LEAF LIMA. This new Pole Bean was first offered in 1891.

It differs from all other Beans known in its beautiful *deeply cut* foliage, aptly described by its name—**WILLOW LEAF**; it is so handsome that many gardeners have pronounced it worthy of growing as an ornamental climbing vine. The beauty of the foliage, although such an attraction, is overlooked as soon as it begins to bloom because of the profusion of blossoms, which is astonishing. The vines blossom and bear pods of uniform size from bottom to top.

The pods are of the Sieva or Sewee type, larger in size than Henderson's Bush Lima, well filled with the pure white beans, which are tender and of fine flavor. It matures beans ready for the table very early; the vines branch freely in every direction, and blossom and bear throughout the season. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$2.00; bush, \$7.50, by express or freight.

HORTICULTURAL LIMA. A new lima bean of great merit, being a cross between the Dwarf Horticultural and Dreer's Improved Lima and combining the good qualities of the latter with the earliness of the former. It is fully as early as the Dwarf Horticultural and as prolific as Dreer's Improved Lima. Its extreme earliness will permit of its being planted far north of where any true lima bean can be grown, while its prolificness and the quality of the green shelled beans make it a desirable addition to any garden North or South. Vines medium size, not much branched and not running over four feet usually, but fruiting freely to the ends; leaves large, coarse, wrinkled, green, resembling Dwarf Horticultural; pods borne in clusters, three to six inches in length, flat, almost straight, terminating abruptly to a short point, green, and carry three to six beans; dry beans about the size and shape of Dreer's Improved Lima, but marked a little darker. We advise all our customers to give this bean a thorough trial, as it is a variety of undoubted merit. Pkt., 10c.; pint, 30c.; qt., 55c., post-paid; qt., 40c.; peck, \$2.25; bush., \$8.00, by freight or express.

JERSEY EXTRA EARLY LIMA. Six years' careful comparative tests by our most prominent lima growers have proved this selection to be fully **ten days or two weeks earlier** than any other. The pods are large and numerous, invariably having from four to five beans in each pod. These beans appear in Philadelphia markets about two weeks ahead of all other limas, selling at from \$3.00 to \$4.00 per bushel of pods. We advise all our customers who grow lima beans for market, and want a "**profitable thing**," to plant this sort largely. Pkt., 10c.; pint, 30c.; qt. 55c., post-paid; qt., 40c.; 4 qts., \$1.25; peck, \$2.25; bush., \$8.00, by express or freight.

STOKES' EVERGREEN LIMA. In this new lima we have the result of several years' patient selection from our **Salem Mammoth**, which, as is well known, is the largest in size of bean of all other limas. The Stokes' Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remarkable additional quality of holding, in all stages of growth, and even when dry and shelled, the deep green color of the unripe state, thus giving the dry beans when cooked during the winter and spring not only the green appearance, but also the delicious flavor of beans fresh from the vine. This very valuable evergreen quality is now entirely fixed and thoroughbred in this variety. Could a more valuable acquisition in Pole Lima Beans be wished for? Pkt., 10c.; pint, 40c.; qt., 75c., post-paid.

KING OF THE GARDEN LIMA. This bean has met with enormous sales the past few seasons. They are vigorous growers; setting their beans early at bottom of pole, producing continuously to the end of the season. They are more prolific than the ordinary lima, bearing pods five to seven inches long in clusters of four and five, with five to six beans in a pod. Pkt., 10c.; pint, 25c.; qt., 50c., post-paid; qt., 35c.; 4 qts., \$1.25; peck, \$2.25; bush., \$8.00, by freight or express.

DREER'S IMPROVED, OR CHALLENGER POLE LIMA. This popular bean is considered by many growers superior to all others in quality and productiveness. When green it is as large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pint, 25c.; qt. 50c., post-paid; qt., 35c.; peck, \$2.00; bush., \$7.00, by freight or express.

NEW GOLDEN ANDALUSIA BEAN



A SINGLE PICKING
FROM
ONE VINE

1/2 BUSHEL

MOST PRODUCTIVE
OF ALL POLE BEANS.

GERMAN CLUSTER LIMA BEAN.

We distributed last spring, among our customers, free for trial, several thousand packages of this valuable new pole lima bean, and have received hundreds of reports pronouncing it a most valuable acquisition. We first obtained the seed a few years since from a German gardener who had brought them with him when he emigrated to this country. They are very early and wonderfully productive, producing large pods containing five to six beans each in great clusters of ten to twelve. The vines are heavier and leaves broader than in any of the American limas. The stalks are so thick and heavy as to be almost self-supporting without the use of poles and they can be readily grown on a light trellis. We hope no progressive lima bean grower will omit planting it this season as it is without doubt one of the most valuable of all the new sorts. Pkt., 10c.; pint, 40c.; qt., 75c., post-paid; qt., 60c.; 4 qts., \$2.00, by express.

A FEW TRIAL REPORTS.

Walter Quadling, Cedarville, N. J., Sept. 22, 1893, writes: "Your new lima beans are rightly named Cluster, as they grow in huge clusters with very large pods filled with delicious beans."

Jos. T. Fulton, Oakwood, Md., Sept. 5, 1893, writes: "The new pole limas beat anything I ever saw in the bean line. They are the largest and the greatest bearers."

R. F. Dilworth, Joplin, Mo., Sept. 4, 1893, writes: "New German Cluster Lima Beans are magnificent; truly worthy of all praise."

NEW GOLDEN ANDALUSIA WAX BEAN. This new bean, introduced by us five years since, has created a decided sensation. Hundreds pronounce it emphatically the most valuable pole variety ever offered. It originated in Andalusia, Bucks County, Pa., with a celebrated bean grower. Our illustration gives some idea of its wonderful productiveness. It is nothing unusual to pick one-half bushel to three pecks from a single vine at one picking. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery, and fine flavored. The vines cling well to the poles, a very important feature, as the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white in color and also make a fine shell or winter bean. Large pkt., 10c.; pint, 35c.; qt., 65c.; post-paid; qt., 50c.; 4 qts. \$1.75; peck, \$3.00; bush., \$12.00, by freight or express.

KENTUCKY WONDER, or Old Homestead. The largest and most fleshy podded green Pole Bean, rapidly becoming popular in the Middle and Southern States. Vines vigorous, climbing well and very productive, bearing their pods in large clusters; blossoms white; pods green, very long, often reaching nine or ten inches, nearly round when young, and very crisp, becoming very irregular and spongy as the beans ripen. Dry beans long, oval, dun colored. A very prolific sort, and one of the best. Pkt., 10c.; pint, 25c.; qt., 50c.

EARLY GOLDEN CLUSTER WAX POLE BEAN. This new variety is distinct in seed, color, and habit of growth. The pods retain their tenderness and plumpness long after the beans have attained a large size, so that only a few days after they cease to be fit for string beans, they are fit to shell. The pods are a beautiful waxy yellow, from six to eight inches long, borne in clusters of four to six. Commencing ten days after the Dwarf Golden Wax, it continues to bear profusely until frost sets in. Pkt., 10c.; pint, 30c.; qt., 60c., post-paid; qt., 45c.; 4 qts., \$1.50; peck, \$2.50, by freight or express.

SALEM IMPROVED LIMA. A selection from the large lima bean, of extraordinary size and generally of a deep green color. Pint, 35c.; qt., 60c.; peck, \$2.50.

Large White Lima (Extra Selected Size). One of the best of the pole beans, either green or dry. Pint, 25c.; qt., 45c., post-paid; peck, \$1.75; bush., \$6.50.

Carolina, or Sewee. Similar to Large Lima, producing beans about half the size, but more productive. Pint, 25c.; qt., 45c.; peck, \$2.00.

CUT SHORT, or CORN HILL. An old variety, very popular for planting among corn, and will give a good crop without the use of poles; vines medium, with dark colored, smooth leaves; pods short, cylindrical and tender. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.75; bush., \$6.50.

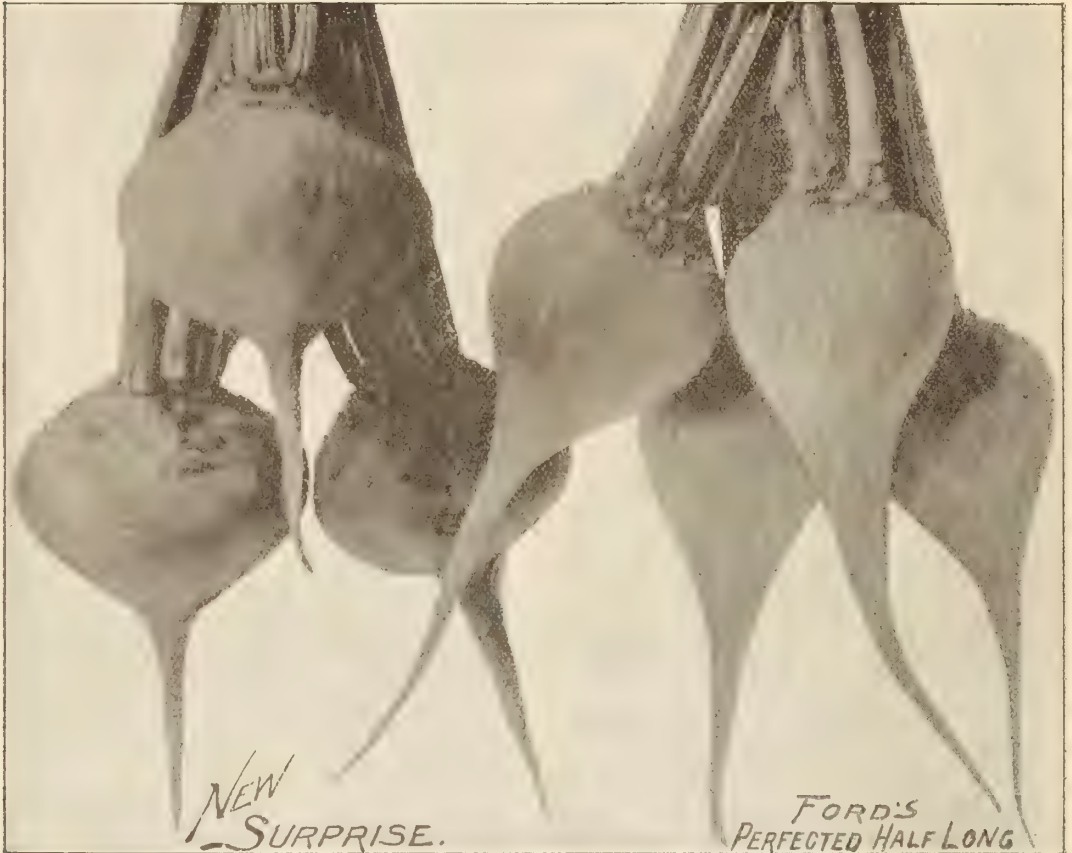
SOUTHERN PROLIFIC. A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious; matures in seventy days from germination, bearing until frost. Pint, 25c.; qt., 45c.; peck, \$1.75; bush., \$6.00.

Scarlet Runner. Clusters of beautiful scarlet flowers for ornament and table use. Pint, 25c.; qt., 45c.

German Black Wax Pole. A pole variety of the German or Black Wax, of splendid quality as a snap and very productive. Pint, 25c.; qt., 45c.; peck, \$2.00.

OTHER GOOD POLE BEANS. The following excellent varieties of pole beans are each 10c. per pkt.; 30c. per pint; 50c. per qt., post-paid: Crease Back, New Golden Wax Flageolet, Dutch Case Knife, Horticultural or Wren's Egg, Red Seeded Giant Wax.

SOME DESIRABLE NEW BEETS.



Johnson & Stokes' New Surprise Beet.

The Very Earliest of All!

THIS Beet has now had five years' thorough test on our Bucks County farm, and been tried by hundreds of practical market gardeners among our customers, and we have no hesitation in pronouncing it the **EARLIEST BEET EVER PRODUCED**. Heretofore many growers have used the well-known Egyptian variety, in spite of its poor table qualities, because it was about the earliest sort obtainable. The **New Surprise** has the very small top of the Egyptian, which so admirably fits it for growing under glass; but in table qualities the **New Surprise** is a great contrast, the flesh being remarkably sweet, fine-grained and tender, while the Egyptian is apt to be hard, woody and tasteless, especially in the later stages of growth, and also to crack open. In short, this is not only the *earliest* beet, but also one of the very *best*—a combination of which shrewd growers everywhere are quick to take advantage. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 2 lbs., \$2.25.

New Surprise is All we Claim.

"We cannot praise your New Surprise Beet too highly; it is all you claim for it. All your seeds are more than satisfactory."

E. OLDFATHER, Rochester, Ind.

New Columbia Beet.

THIS new Beet promises to be a valuable acquisition. The color of the skin, flesh and top are like the well-known Egyptian. It also grows nearly as quickly, but is somewhat larger and rounder in shape and of better quality. Those who give the **New Columbia** a trial will be fully repaid. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Ford's Perfected Half-Long Beet.

MR. JAMES FORD, who is well known to most of our customers as the originator of the famous **FORD'S MAMMOTH PODDED LIMA BEAN**, is one of Philadelphia's most successful market gardeners. Several years ago he began a series of experiments in beet culture, which finally resulted in the production of the excellent variety here shown. It has many distinctive points of great value. In size the roots are remarkably uniform. The color is a very deep red, several shades darker than the well-known Philadelphia Perfection, and Bastian Half-long varieties. It is also earlier, maturing a few days after the Early Turnip varieties; and as a fall and winter beet, it has no equal, as none other can approach it in keeping qualities. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 2 lbs., \$2.25.

BEETS.

One ounce of seed will sow sixty feet of drill; five pounds will sow an acre in drills.

Please remember that our prices are for seeds post-paid by mail. If ordered by freight or express, at purchaser's expense, eight cents per pound should be deducted.



LENTZ'S EXTRA EARLY BLOOD TURNIP. We were the first to offer this valuable variety, which originated with Henry Lentz, the well-known Philadelphia market gardener. We recommend it as containing all the valuable qualities of an early beet. It is nearly as early as the Egyptian, but larger and of better quality, of fine, dark red color, tender and sweet at all times, whether old or young. It has a very small top, and will produce a crop in *six weeks* from time of planting the seed. It is very productive and a perfect keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

THE CRIMSON CHIEF. A very valuable new Beet. See Novelties, page 5. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

EXTRA EARLY EGYPTIAN BLOOD TURNIP. A standard sort, ten days or two weeks earlier than the old Blood Turnip. Owing to smallness of the top it can be painted very close. It is of fair quality, medium size, and dark crimson color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

BASTIAN'S EXTRA EARLY BLOOD TURNIP. Excellent for both the family and market garden; very early, of quick, large growth, fine turnip form, and dark red color, zoned with white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

ECLIPSE. This variety is a great acquisition to our list of turnip beets. It is as early as the Egyptian, and much more desirable, owing to its globe shape, great smoothness, firm, small top, *very sweet, fine flesh and intense dark blood color.* Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

EDMANDS' EARLY RED TURNIP. A splendid new variety, originated near Boston. While not as early as some it has many fine qualities to commend it. It is the most uniform of all turnip beets, of handsome, round shape, good marketable size, and deep blood color. It has a very small top, and can be grown very close. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

Improved Early Blood Turnip. A selected strain, and one of the best; blood-red tender, and a good late keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Extra Early Bassano. Flesh white and rose, very sweet and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

MITCHELL'S RED TURNIP BEET. A new home variety. It has the earliness and small top of the Egyptian, but of better quality. Very popular with Philadelphia gardeners. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Dewing's Extra Early Red Turnip. Of good form and flavor. Flesh and top deep blood red, an excellent early or winter variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

ACME SECOND EARLY. A new variety, of handsome, round shape, the skin and flesh very deep blood red in color, and exceedingly sweet and tender. The beets grow regularly of good marketable size. The leaves are very dark red, shading at times to almost black. Valuable not only for second early, summer and autumn, but a pre-eminently fine sort for planting in July, to be kept in pits for winter and early spring use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

BASTIAN'S HALF-LONG BLOOD. In color, shape and size it is all that can be desired in a beet; a favorite variety for winter use, and largely planted by market gardeners. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

Long Smooth Blood Red. A good late variety for fall and winter use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Swiss Chard, or Silver. Cultivated for its leaves; the mid-rib is stewed and served as asparagus, other portions of the leaf as a spinach. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

BEETS.—Mangel and Sugar.

STOCK-FEEDING VARIETIES.

THE attention of farmers to the growing of roots for feeding stock has increased rapidly, judging from the increased sales of our selected seeds, which now reach several tons annually. The wonderful results are plainly shown in the health and general condition of the animals, and the increased yield of milk in cows.

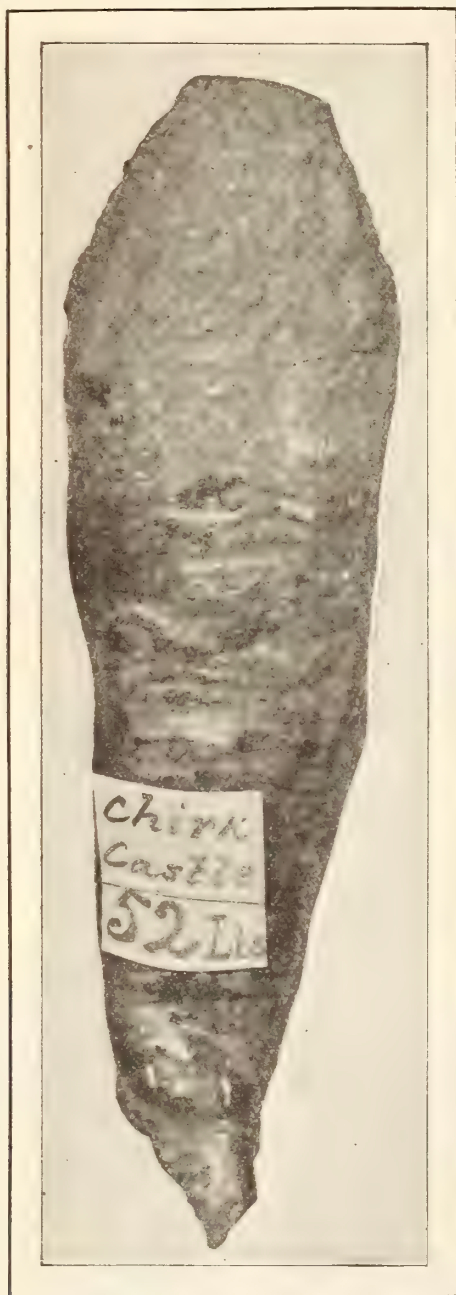
The seed should be sown from April to June, in drills two feet apart, and afterwards thinned out to stand one foot apart in the rows. Keep well cultivated, and you will have an abundant crop of roots for winter use.

From five to six pounds of seed required to the acre. In quantities of five pounds and over, by freight or express, 15 cents per pound may be deducted from prices per single pound.



NEW GOLDEN GIANT INTERMEDIATE MANGEL.

GOLDEN GIANT INTERMEDIATE MANGEL. (See illustration.) This new and distinct variety is a great improvement over the old Yellow Intermediate, being much larger and more even in shape, and of a beautiful yellow russet color. It grows more than half above ground, as shown in illustration, with fine neck and large leaves; flesh white, firm, sweet, greatly relished by cattle. It is a magnificent root, producing enormous crops; easily pulled, and an excellent keeper. The best yellow mangel known. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c., post-paid; 5 lbs. and over, by express, 50c. per lb.



THE CHIRK CASTLE MANGEL. Our attention was first called to this prodigious variety while visiting Scotland, a few years since. We saw hundreds of specimens taken from the field, weighing over sixty lbs. each, while whole crops averaged thirty-eight to forty lbs. per root, producing a yield of over sixty tons to the acre. The length is about the same as Carter's Mammoth Long Red, but it is remarkable for its handsome shape and broad shoulders, its diameter being greater and its weight very much heavier. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. We consider this variety by far the most valuable and profitable of all the stock feeding beets. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00, post-paid; 5 lbs. (enough for one acre), \$4.25, by express.

"Chirk Castle Mangel is more than you claim, making the best winter food for cattle and sheep. They are far ahead of any variety I ever raised or used in this section."—J. W. Seal, Mt. Carmel, Ind.

GOLDEN TANKARD MANGEL. A distinct, new and valuable yellow-fleshed variety, said to contain a large percentage of sugar. It has already taken the lead of other varieties in England, and is much relished by milch cows and sheep. In shape it is broader than the Long Red, and not so long; exceedingly hardy, and maturing earlier than other large sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 55c., post-paid; 5 lbs. and over, by freight or express, 30c. per lb.

NEW GOLDEN YELLOW MAMMOTH MANGEL. A cross between Golden Tankard and Long Yellow. In form and size it resembles Carter's Red Mammoth; the flesh, however, is a bright golden yellow, of fine quality and exceedingly rich in saccharine matter; a heavy cropper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

KINVER YELLOW GLOBE MANGEL. Grows somewhat longer than the Golden Globe. Skin and flesh are very smooth and fine. It is enormously productive and of superb quality, much relished by all kinds of stock. Roots of this variety have been grown to weigh forty-five pounds. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.; 5 lbs., \$2.00.

CARTER'S CHAMPION WARDEN ORANGE GLOBE MANGEL. The best Yellow GLOBE in cultivation; orange yellow, root of large size and fine nutritive qualities, growing partly above ground; succeeds well on light land. Of beautiful shape, neat top, fine clear skin, and of choice quality; a sure cropper and excellent keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; 5 lbs., \$1.75.

CARTER'S MAMMOTH PRIZE LONG RED MANGEL. A celebrated variety, sometimes called *Jumbo* and *Colossal*. It is grown extensively for agricultural purposes, producing large roots, partly above ground. A very heavy cropper, frequently producing forty to fifty tons to the acre; growing enormously in size, but of fine texture and quality. Pkt. 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., post-paid; 5 lbs. and over, by express, 35c. per lb.

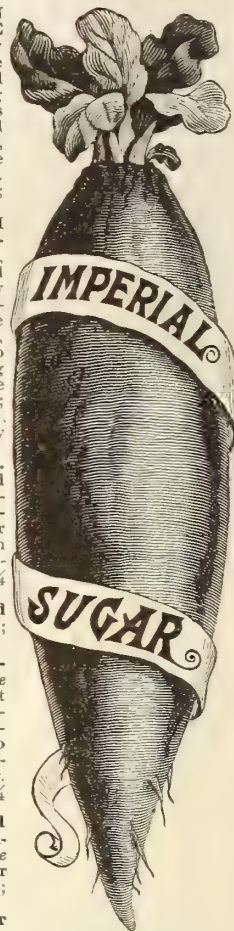
Yellow Ovoid Mangel. Skin of a deep yellow color, and on account of its shape, being between the Long and Globe varieties, will surpass either, bulk for bulk. It is very nutritious, rich in saccharine matter, and productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

Golden Globe Mangel and Red Globe Mangel. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

LANE'S IMPROVED IMPERIAL SUGAR BEET. (See illustration.) An improvement on the *French Sugar Beet*. Recommended as hardier, more productive, yielding thirty-five to forty tons per acre, and containing a greater percentage of sugar. (See cut.) Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.; 5 lbs., \$1.75.

Vilmorin's Improved White Sugar Beet. An improvement on the old *White Sugar*, containing a much larger percentage of sugar. Pkt., 5c.; oz., 10c.; lb., 60c.; 5 lbs., \$2.25.

Red Top White Sugar Beet. Large size and grows considerably above the ground; fine for feeding. Cultivated in Europe for sugar. Pkt., 5c.; oz., 10c.; lb., 45c.; 5 lbs., \$1.50.



LANE'S IMPROVED.

BROCCOLI.

THIS very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.

Early Purple Cape. Best for the North, producing compact brownish purple heads. Pkt., 10c.; oz., 40c.

Early Walcheren. Very large. Pkt., 10c.; oz., 60c.

BRUSSELS SPROUTS.

THIS is a delicious vegetable, of fine flavor, used and prepared as greens. They are best in the Autumn, especially after frost.

Perfection. Producing compact sprouts of fine quality. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

RELIABLE CABBAGE SEEDS

SELECTED AMERICAN GROWN STOCKS

To market gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risks in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best procurable, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality we need only say that we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago and other large cities of the Union.

Early and Summer Varieties.

One ounce of seed will sow a bed of about forty square feet and produce about two thousand plants.

JOHNSON & STOKES' EARLIEST. *The Money Growers' Cabbage.* (See Photographic Specialties, page 6.) Pkt. 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

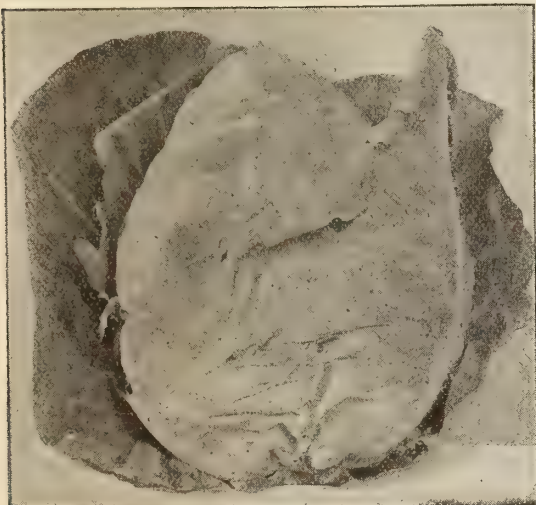


PHOTO. OF JOHNSON & STOKES' WONDERFUL CABBAGE.

JOHNSON & STOKES' WONDERFUL. Where extreme earliness is the most important point, we recommend this variety. It is ready for market or table in seventy-five to eighty days from sowing the seed, coming in a few days ahead of our Johnson & Stokes' Earliest, but does not, of course, form quite so large or solid a head. It has few loose outer leaves, and will produce a larger crop than any other variety, from the fact that it can readily be planted as close as fifteen to sixteen inches apart each way, or about 15,000 to the acre. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

EXTRA EARLY EXPRESS. A new French cabbage, resembling the well-known Etampes cabbage, but a few days earlier and a little lighter in color. It comes off almost as early as our Johnson & Stokes' Earliest Cabbage, but does not form so large or solid a head. Do not be deceived into buying these French cabbages as the earliest and best, as after three years' comparative trials, each variety planted alongside, we find them some days behind our Wonderful and Earliest, which are thoroughbred American varieties, and form both larger and harder heads. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

JOHNSON & STOKES' MARKET GARDENERS' CABBAGE, No. 2. The earliest and most compact of all large cabbages. (See Specialties, page 7.) Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

VERY EARLY ETAMPES. This variety comes originally from France. It ripens a week later than Johnson & Stokes' Earliest, coming in a few days ahead of Wakefield, which previous to the introduction of Johnson & Stokes' Earliest, was considered the earliest of all. It forms a good, hard, pointed head, with a very short stem, growing close to the ground. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

EARLY JERSEY WAKEFIELD. (*Extra Selected Stock.*) While this sort is not so early as Johnson & Stokes' Earliest and New Wonderful, it will be found to be the very best conical headed sort to come in immediately after them. Unfortunately the great demand for this sort has brought upon the market large quantities of coarse and inferior stock, which has tended to diminish the popularity of the sort; but when pure home-grown stock, such as we offer, is used, it cannot fail to give perfect satisfaction. Leading market gardeners around Philadelphia, New York, Boston and elsewhere pronounce our strain "the very best they can get." Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

NEW LARGE, or CHARLESTON WAKEFIELD. We were the first to introduce this now popular market cabbage. It is about five days later than Early Jersey Wakefield. The heads are fully one-half larger and quite solid. It is very compact in growth, and can easily be planted in rows two feet apart and twenty inches in the rows. One great advantage is, it does not burst open when ripe, like many other early sorts and consequently can be left standing on the ground a long while without injury, until a favorable opportunity for cutting. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Early Drumhead. A second early, large, solid heading variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

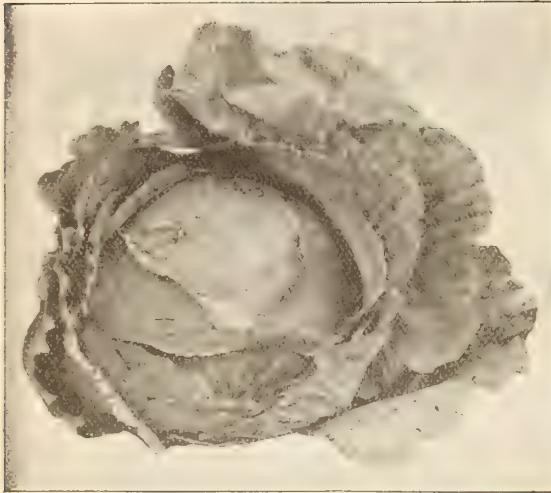
Early Dwarf Flat Dutch. A standard second early market variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

HENDERSON'S SUCCESSION. Attention was first called to this new cabbage by Mr. Van Siclen, of Long Island who originated the well-known Early Summer Cabbage. It was first offered for sale four years since by our friends, Peter Henderson & Co., and has given satisfaction wherever planted. It follows ten days after Early Summer, with larger and heavier heads, and is very valuable for mid-summer use. It grows so compactly that notwithstanding its large size, it can readily be planted almost as close as Early Summer. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.



PHOTOGRAPH OF HENDERSON'S EARLY SUMMER.

HENDERSON'S EARLY SUMMER. This popular sort is ten days later than the Early Jersey Wakefield but much larger in size and will stand on the ground much longer without bursting open. In this respect, it is much superior to Fottler's Brunswick. While the heads are much larger than the Early Jersey Wakefield, its very compact habit enables it to be planted almost as close. The heads are very hard and solid throughout and of fine uniform shape, as shown in our photograph above. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



PHOTOGRAPH OF AN AVERAGE HEAD OF ALL HEAD EARLY.

ALL HEAD EARLY. This fine new variety originated on Long Island, and was introduced by a brother seedsman in 1891. Our critical field tests the past two seasons have been so satisfactory that we decided to add it to our already large list of fine cabbages. In a large field which we grew for seed every plant formed a head fully as large as *All Seasons*, of perfect and uniform shape, and fully as early as the best strains of *Early Summer*. It is worthy a trial from every gardener who plants a cabbage for summer use. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

FOTTLER'S IMPROVED EARLY BRUNSWICK. A splendid second early and late sort; short stem, large, solid heads. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

EARLY WINNINGSTADT. The Prussian Prize Stock. Many consider the Early Winningstadt the very best for early market sales, as it invariably grows very hard, and will head on soils where many other sorts fail entirely. Reliable stock is hard to get, as seedsmen usually import it from England and France. The seed we offer, however, is *American grown*, acclimated and selected from the original *Prussian Prize Stock*. Those intending to plant this variety will find this strain far superior in earliness, size, solidity and great uniformity of heading to any other ever sold in this country. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25; 2 lbs., \$4.00



THE PRUSSIAN PRIZE STOCK.

ALL SEASONS. This strain of Early Drumhead Cabbage we first offered to the public seven years since, under the broad claim of being about as *early as the Early Summer* and *growing much larger*. Gardeners everywhere say they find our claims are fully substantiated in every particular. As its name indicates, it can be planted at all seasons. It forms a fine, large head, of superior quality, not bursting after heading; the heads are of *great thickness*, which makes it a capital sort to keep through the winter. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.40.

EARLY BLEICHFIELD GIANT. It is seldom we are able to recommend a new foreign cabbage as highly as this variety. Since its introduction a few years ago it has grown very popular with market gardeners as a second early and summer sort. It is a short stemmed, large heading sort, tender and solid, ripening a few days earlier than Brunswick. Cabbage growers in all sections should not fail to give it a trial. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.40.

VANDERGAW MIDSUMMER. This valuable variety is the result of many years' selection by Mr. Vandergaw, a noted Long Island market gardener. In some respects it resembles *All Seasons*, coming in about a week after *Early Summer*, and making much larger heads than that well-known variety. Heads are very uniform in color and size, very solid, and in quality all that could be desired in a mid-summer and winter cabbage. Long Island cabbage growers have been annually paying Mr. Vandergaw \$10 per pound for the seed. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

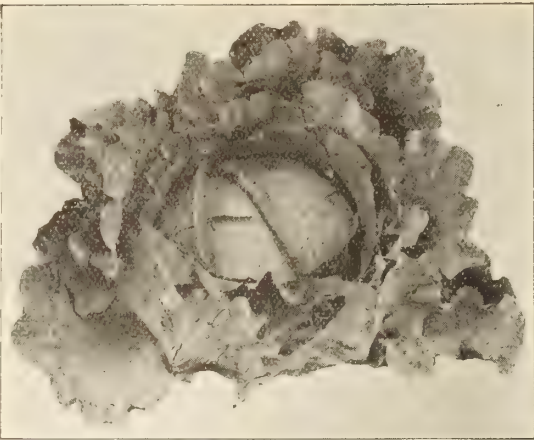


PHOTO OF LOUDERBACK'S ALL THE YEAR ROUND CABBAGE.

LOUDERBACK'S ALL YEAR ROUND. This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners, and has had a great local reputation among his neighbors for several years. It is not only the finest *Early Drumhead* in cultivation, but is equally as good for *second and third early, intermediate and late*. It heads large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successively and continuously during all periods when cabbage is planted. The seed we offer was grown by the originator. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

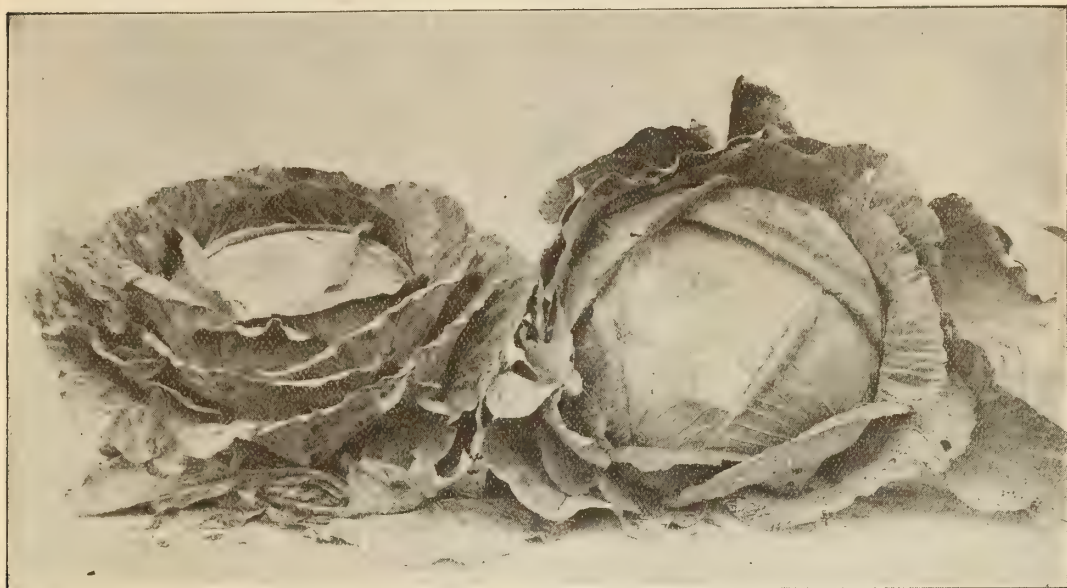
LOUISVILLE DRUMHEAD. This is the most popular intermediate or second early with market gardeners around Louisville and the Southwest. It comes off medium early, withstands heat to a remarkable extent, heads large, solid and uniform in size and color. We can recommend this sort very highly for the Southern and Middle States. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.40.

The following well-known varieties of cabbage are each 5c. per pkt.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50:

Deep Head Early, Peerless, Extra Early York, Early Sugar Loaf, Imperial Ox-Heart, Early Large York, Early Bacalan, Early Large Schweinfurt.

NO CABBAGE GROWER CAN AFFORD TO BE WITHOUT THE NEW ROCK HEAD. SEE COLORED ILLUSTRATION ON BACK OF THIS BOOK, AND TESTIMONIALS, PAGE 38.

CABBAGE.—Late or Winter Varieties.



JOHNSON & STOKES' SHORT-STEM DRUMHEAD CABBAGE, PHOTOGRAPHED DURING GROWTH.

JOHNSON & STOKES' SHORT-STEM DRUMHEAD CABBAGE.

This improved variety far surpasses the old strain of Large Late Drumhead Cabbage, ripening earlier, with very short stock or stem, as shown in our photograph above made in the field while growing, forming larger and thicker heads, of fine quality and the best of keepers. Owing to our long continued selection of the finest heading plants for seed for several years past, this variety is remarkable for reliability of heading; every one who plants it can expect at least ninety-eight large solid heads from every one hundred plants. Our customers in all sections where many varieties fail to head, will find the Short-Stem Drumhead a sure thing, and can depend on big crops every time. It heads the list of the winter Drumheads. Pkt., 10c.; oz., 35c.; 2 oz., 60c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00; 2 lbs., \$5.50; post-paid.

THE CAROLINA HARD HEADER CABBAGE.

This distinct late cabbage was originated in Buncomb County, North Carolina, where it has had a great reputation, the seed frequently being sold by local gardeners at the rate of \$15.00 to \$20.00 per pound. An old gardener, in describing this cabbage says: "It heads as sure as the sun rises." It grows good sized heads, round, slightly flattened on the top, and very hard, averaging fifteen to twenty-five pounds each. It has a very short stock or stem, and is darker green in color than any other cabbage of its class; earlier than the best strains of Late Flat Dutch. While it is the most reliable hard-heading cabbage for the South, we find it equally valuable for the Middle States, having tested it for five successive seasons on our Trial Grounds. The seed we offer is also grown on our Pennsylvania farm. Cabbage growers will make no mistake in planting it largely, as it leaves nothing to be desired. Pkt., 10c.; oz., 30c.; 2 oz., 50c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.



GENUINE SUREHEAD CABBAGE.

GENUINE SUREHEAD. This popular cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves, as shown in our illustration. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in our markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50; 2 lbs., \$4.50.

BRIDGEPORT DRUMHEAD. This is the standard shipping cabbage around Chicago, where local growers have paid as high as \$20 per pound for the seed in seasons when scarce, and will raise no other. It makes a large, even, firm, round head, seldom rots or bursts, and is unquestionably one of the finest shipping cabbages grown. Extra selected seed. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH. Pronounced by experienced cabbage growers the finest strain of late cabbage in the world. (See Specialties, page 8.) Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00; 2 lbs., \$5.50; 5 lbs. and over, \$2.50 per lb.

PREMIUM FLAT DUTCH. This variety is largely grown for late or main crop, being the favorite winter market variety. Heads very large, solid and broad, with flat tops, of fine flavor and quality; very short stems. Pkt., 5c.; oz., 20c.; 2 oz., 35c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75; 5 lbs. and over, by express, \$1.50 per lb.

LARGE LATE DRUMHEAD. A favorite winter variety; extra large, solid heads slightly later than the Flat Dutch. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, post-paid; 5 lbs. and over, by express, \$1.50 per lb.



NEW DIAMOND WINTER. In this fine new cabbage we have a strain entirely distinct from any other. It is a cross between Short Stem Drumhead and Danish Round Winter. It grows very compact, the stem is short, and it can be planted closer together than any other late variety. The heads will average from fifteen to eighteen pounds in weight after they are trimmed for market; they grow very uniform in size and shape, and present a handsome appearance. They are extra hard, solid, round and somewhat flattened on top; possess a fine, small rib, are always of the finest possible quality and sure header. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

New Rock Head Winter Cabbage.

See colored illustration painted from nature on back of this book.

When we introduced our famous **Matchless Late Flat Dutch Cabbage**, a few years since, we thought perfection had been reached in late or winter cabbages. Not until our attention was called to this sort, three years since, did we find one that would at all compete with it. In the **New Rock Head**, however, we believe it has a successful rival. It is of enormous size, perfect shape, and combines all those qualities so desirable to an experienced gardener to render a late cabbage perfect in every respect, viz.: **size, weight, quality, sure heading, and a long keeper.** This cabbage was sold in Philadelphia markets in January, 1893, at more than **double the price** of any other sort. Pkt., 15c.; oz., 40c.; 2 oz., 75c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00. From growers of this cabbage we have enough such testimonials as those published below to fill every page of this book.

THERE HAS BEEN BUT ONE VERDICT FROM ALL:

Rockhead, the largest, heaviest and most solid cabbage ever grown.

"Rock Head has produced the only cabbage we have, the severe drought destroyed all others; notwithstanding this the Rock Head is magnificent in large solid heads and fully merits the name given it."—FRISBY SMITH, Sharpsburg, Md.

"I gave your Rock Head Cabbage a thorough trial and found them the very best I ever raised; they are very firm and solid and in every respect superior to all other cabbages."—JOS. H. PODGET, Bryantown, Md.

"I am much pleased with the Rock Head Cabbage; no other variety ever grown by me has given such satisfactory results."—T. E. KELLY, Grove, Md.

"Your New Rock Head Cabbage is the finest I ever saw. Every plant has made a large solid head. I am sure that I will have some that will weigh fifty pounds and over."—JOSEPH BECK, New Bridge, Oregon.

"Your New Rock Head flourished wonderfully in spite of all drawbacks. It entirely escaped the worms, which destroyed all my other varieties. Every plant formed a large solid head, and it is by far the largest, best and hardiest cabbage I ever saw."—HENRY LIEBBEN, Brighton, Ill.

German Export Cabbage.

During the past few years we have had numerous requests from market gardeners and cabbage growers for the seed of the imported German Cabbage so frequently seen on our markets late in the season, and which, owing to its great solidity and handsome appearance, sells at higher prices than American sorts. We succeeded last season in obtaining a quantity of this seed from a reliable German grower, which was distributed for trial among our customers. All reports thus far received pronounce it one of the **finest main crop and winter cabbages** they have ever grown, and notwithstanding its foreign origin, has succeeded in all sections of the United States. Pkt., 15c.; oz. 45c.; 2 oz., 75c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

A FEW TRIAL REPORTS.

"Your German Export Cabbage is a great success here; all headed and very fine."—G. Y. GOODALE, Warsaw, N. Y.

"Your German Export is decidedly the cabbage. From the seed you sent me I set 22,000 plants, every one making a head of cabbage hard as stone. My field is the talk of all neighboring gardeners."—JOHN B. SMITH, Middleburg, Ohio.

"New German Export Cabbage, planted along with seven other varieties, proved superior to them all. It is a splendid grower and absolutely sure and hard header, and in quality it excels all others."—JONAS PASOUR, Dallas, N. C.

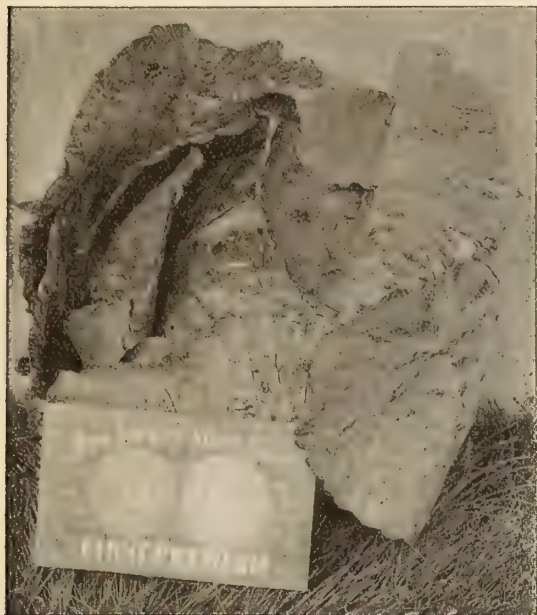
AUTUMN KING. A new strain of late cabbage which is highly spoken of by all market and family gardeners who have thus far tested it. The heads are of enormous size and very solid. It has few outer leaves, and owing to this fact it is claimed that Autumn King will produce a greater weight of crop from the same space of ground than any other late cabbage. Pkt., 10c.; oz., 30c.; 2 oz., 50c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75; 2 lbs., \$5.00.

"Your New Rock Head was the first cabbage in my fields to form heads fit for use, in spite of the fact that the plants were set out about a week later than the rest of the field which contained Surehead, Autumn King and several other good sorts. Rock Head beats them all in heading and fine quality. Next year I shall plant a large patch of them."—J. J. KLEINE, Morristown, N. J.

"Had I not have grown Rock Head I would have no cabbage, as the other five kinds I planted all rotted, but this new sort flourished and grew into finest solid heads of a larger size than I ever saw. There will be no other kind planted here this year."—S. S. NICKLE, Harshville, Iowa.

"I gave the new cabbage Rock Head a fair trial side by side with several other noted varieties and find it way ahead of all others in every respect. They are wonderfully rapid growers."—B. SHOURDS, Hammonton, N. J.

"Your new cabbage No. 31 (Rock Head) leads all other varieties. An important thing in its favor is that the worms do not seem to trouble it as they do all others."—R. T. KAIGHN, Ellisburg, N. J.



MAMMOTH ROCK RED. The hardest heading Red Cabbage.

MAMMOTH ROCK RED. This is by far the best, largest and surest heading red cabbage ever introduced. The plant is large with numerous spreading leaves. The head is large, round, very solid, and of deep red color inside as well as outside. Ninety-eight per cent. of the plants will form extra fine heads. The best of the red cabbages. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75.

Red Dutch Erfurt. Very early, of deep blood color; head solid. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

JOHNSON & STOKES' HARD HEADING SAVOY. (Market Gardeners' private stock.) The best of all the Savoy. (See Specialties, page 6.) Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

MARVIN'S SAVOY. A strain of Drumhead Savoy originated on Long Island, where it is very popular among local gardeners. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

PERFECTION DRUMHEAD SAVOY. Grows large heads, nearly round, tender, excellent flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

The following well-known Late Cabbages are each 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.50 per lb.: **Green Glazed, Filderkraut, Marblehead Mammoth Drumhead, Stone Mason, Green Curled Savoy.**

CAULIFLOWER.

One ounce will produce about fifteen hundred plants and sow about forty square feet.



GILT EDGE SNOWBALL CAULIFLOWER.

GILT EDGE EARLY SNOWBALL. (See illustration.) The strain we have of this variety is without doubt the very best to be had. Our stock was grown from the very finest specimens, noted for their earliness, dwarf habit, large size, uniform shape and compact growth. For forcing under glass during winter and early spring, or for planting later in the open ground, no stock of Snowball can surpass it. Pkt., 25c.; $\frac{1}{4}$ oz., \$1.00; oz., \$3.25; $\frac{1}{4}$ lb., \$10.50.

JOHNSON & STOKES' NEW EARLY ALABASTER. Of American origin; the earliest, best and surest heading variety yet introduced. (See Specialties, page 9.) Pkt., 25c.; 5 pkts., \$1.00; $\frac{1}{4}$ oz., \$1.50; oz., \$6.00.

EXTRA SELECTED EXTRA EARLY DWARF ERFURT. One of the earliest varieties; small-leaved, dwarf for forcing, producing very solid, pure white heads of the finest quality; about fifteen inches high. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt., 25c.; $\frac{1}{2}$ oz., \$1.50; oz., \$3.00; $\frac{1}{4}$ lb., \$10.00.

Extra Early Paris. A popular early white, sure heading variety. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.25.

Veitch's Autumn Giant. Large fine heads, well proportioned. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.75.

Algiers. One of the best sure heading late varieties. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50.

Lenormand's Short Stem. Large late variety, with well-formed white heads of extra quality. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.00.

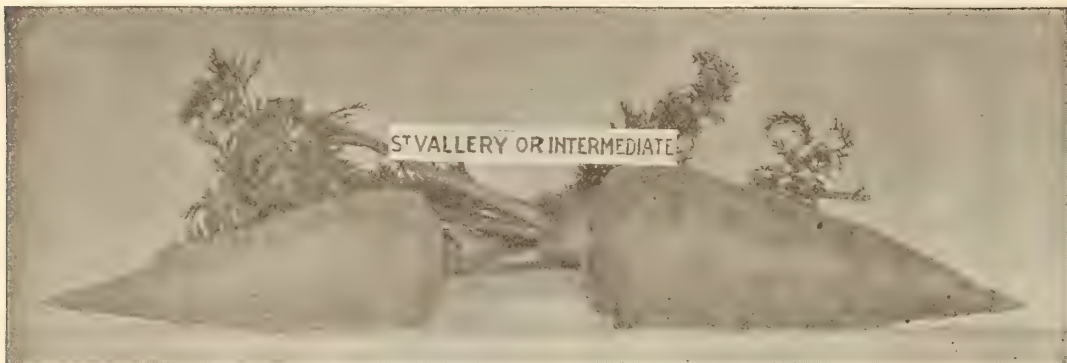
CARROT.

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.



PHOTOGRAPH OF OUR IMPROVED DANVERS CARROT.

IMPROVED DANVERS. Our pure American stock of this valuable variety is preferred by many gardeners to any other sort. The top is small, color of a rich shade of orange, shape very handsome and smooth; quality the very best. One highly valuable feature of our strain is that it has its full color when quite young, which enables it to be pulled sooner. It is equally valuable to grow for feeding stock, being well adapted to all soils and will yield the greatest bulk with the smallest length of root of any other sort. Under good cultivation we have known it to produce thirty tons to the acre. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.; 5 lbs., by express, \$3.75.



SAINT VALLERY, OR NEW INTERMEDIATE RED CARROT.

NEW RUBICON HALF-LONG. The best carrot for either market or family use. (See Specialties, page 5.) Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

SAINT VALLERY, or NEW INTERMEDIATE RED. This splendid variety originated in France, near the city of St. Vallery, from whence it takes its name. It grows to uniform large size, intermediate in shape between the Half-Long and Long Orange. The roots are straight and smooth, broad at the top, measuring about two and three-fourths inches across, with a length of about eleven inches. The color is a rich orange red. In table quality it is faultless. It will be found a most excellent variety for either garden or field culture. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

RED PARISIAN FORCING. A distinct new variety from France. It is the earliest of all carrots, forming roots much quicker than the well-known French Forcing. It is as round as a turnip; has a fineneck; leaves short and erect; quality excellent. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Very Early Short-Horn Scarlet, or French Forcing. An early forcing variety; small root and excellent flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.10.

Early Scarlet Horn. The favorite summer variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

HALF-LONG NANTES. (*Stump-rooted.*) A fine intermediate variety, bright scarlet color, smooth, large, and of excellent quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

CHANTENAY. This variety resembles the Half-Long Nantes, but has larger shoulders. Fine deep scarlet color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

OX-HEART, or HALF-LONG GUERANDE. (*Stump-rooted.*) This is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the Half-Long and Horn varieties, attaining a diameter of three to four inches at the neck, of most beautiful shape, and rich orange color. It is of extra fine quality and very productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

NICHOLS' IMPROVED LONG ORANGE CARROT. We procured this stock from Mr. Robert Nichols, one of the most successful market gardeners of this city. The strain is earlier than either the well-known Danvers or Long Orange as usually sold. The color is of a deep orange when no thicker than a lead pencil, shading to a deep orange red when fully grown. The root is perfectly smooth from the shoulder to the extreme tip, and entirely devoid of side roots in all stages of growth. It grows without any neck whatever; the top is short, and this, together with its extreme earliness, admirably fits it for early use.

We pronounce it THE IDEAL CARROT, either for early or late use, being of uniformly large size, enormously productive, the best of keepers, and highly nutritious for stock when grown as a field crop. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 5 lbs., \$4.00, by express.

IMPROVED LONG ORANGE. The well-known and popular old stand-by for late summer and winter use; grown extensively for feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.; 5 lbs. and over, 60c. per lb.

Early Half-Long Scarlet. A desirable variety, remarkably smooth and rich color, very fine for table use or forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

NEW LONG RED CORELESS. Grows ten to twelve inches long and two inches in diameter; very smooth, stump-rooted, good color, of excellent quality, free from any heart or pith. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Large White Belgian. Grows one-third above ground; large white root, with green top; grown exclusively for feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

Large Yellow Belgian. A good stock-feeding variety, differing from the above only in color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.; 5 lbs., \$3.00.

CELERY.

One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row.

A GUIDE TO CELERY CULTURE. Kalamazoo Celery, by Bochores. This valuable book will be mailed to any address on receipt of price, 50c., or can be selected free with all orders of \$3.00 and over. See Book Premiums, page 25.

EARLY ARLINGTON. This new celery comes from the same source as the Arlington Tennis Ball Lettuce, described on another page. It is an improved selection of the well-known Boston Market Celery, made by an Arlington market gardener. It has received first prize in both the regular and special premiums offered by the Massachusetts Horticultural Society. It is very early, coming in quite three weeks in advance of the Boston Market; and its superiority over that variety is in the fact that it is earlier, of larger size, and more vigorous growth and bleaches easily and more quickly. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



WHITE PLUME CELERY.

WHITE PLUME. Each year adds to the popularity and value of this variety. Like our Golden Self-Blanching, it requires very little earthing up to blanch it, and although in keeping qualities it is not equal to our Golden Self-Blanching, yet as a celery for fall and early winter use, it is unsurpassed. Our strain of this variety is closely selected each year, and will be found entirely free from green celery, so prevalent in much of this seed sold. Market gardeners who purchased from us the past six years are unanimous in pronouncing our improved White Plume the best and purest they can get. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75; 2 lbs., \$5.00.

"I have taken many first prizes in England for celery, but never had any so perfect as from your seed. Twelve stalks of your White Plume weighed over 12 pounds."—Wm. BLACKHURST, Jamestown, N. D.

"Your White Plume Celery is the finest strain I have ever grown or seen."—ARTHUR H. CLARK, North Hanibal, N. Y.



JOHNSON & STOKES' Golden Self-Blanching Celery.

A Variety which every Market and Family Gardener should grow.

We first introduced **The Golden Self-Blanching Celery** in 1883, since which time it has been pronounced by hundreds of our patrons, the **very best and most profitable celery in cultivation**. Our illustration above was photographed in the field during growth, and the single bunch, also a photograph, will give some idea of its very handsome form and even growth. It attains a very large size, and is very stocky and robust. The stalks grow vigorously, with large ribs, very thickly set. It is very early, **entirely self-blanching**, and can be grown without any banking up or covering whatever, even the outer ribs assuming a yellowish white color of a very fresh and pleasing appearance. The heart is of a beautiful golden yellow color, very large, crisp and solid, and unsurpassed in delicious

quality and flavor. For striking appearance on the table or market stall it is unequalled; and it is decidedly the best keeper of all the self-blanching varieties. While not absolutely necessary, some give it a slight banking up, as even the top leaves assume a beautiful light golden color, adding greatly to its handsome appearance. Many of the largest growers now plant their entire crops of this splendid variety. The above photograph was taken in the field of Geo. M. Shallcross, one of the largest celery growers around Philadelphia. It is such a shy seeder that the genuine seed can never be sold at a less price. Large pkt., 15c.; oz., 40c.; ¼ lb., \$1.10; 1 lb., \$4.00; 2 lbs., \$7.50; 5 lbs. and over, \$3.50 per lb.

The Two Best Celeries

are the **Golden Self-Blanching** for early and fall use, and the **New Perle le Grande** for winter and early spring use. With these two varieties no market or family gardener should fail to have a supply of this delicious vegetable nine months of the year.

NEW CELERY, No. 42.—THE PERLE LE GRAND. Offered for sale last season for the first time. The very best winter celery. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50. (See Novelties, page 10.)

WHAT OTHERS SAY OF THE PERLE LE GRAND.

S. EDWARDS, New Lebanon, Ohio, Nov. 13, 1893, writes: "I have grown nearly all varieties of celery, and can truly say that your Perle Le Grand is in the lead. It is all and even more than you claim for it."

HENRY REYNOLDS, Piper, Ill., writes: "I can with safety pronounce your celery, Perle Le Grand, the best I have raised in twenty years' experience as a grower of celery. It is richest in good stalks, and in delicious nutty flavor surpasses all others."

W. A. MUSSON, Mogadore, O., writes: "I cannot speak in too high praise of your new celery, Perle Le Grand. It is the finest ever seen in the markets here; the wonder of everybody."

J. H. NOLDING, South Millville, N. J., writes: "The new celery, Perle Le Grand, is a perfect wonder. I had celery in July, and bleached well at that. I raised celery in England from 1840 to 1854, and from then until now in America, but I never saw, not even in the cold climate of England, any that equals this new variety of yours."



DILKS' MANY HEARTED. This fine new celery was originated by Mr. Geo. Dilks, a noted Philadelphia market gardener, from one stalk found growing in a field of Golden Dwarf in 1884. It is very distinct in appearance, being much stouter, thicker, and heavier near the root than any other variety. We have seen four stalks in a bunch weigh thirteen and a quarter pounds, and entirely cover the top of an ordinary flour barrel. It is a splendid keeper, having for a few years past been sold in our markets as late as May, after Golden Dwarf and other varieties were done. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

GOLDEN HEART DWARF. This distinct variety is the most popular old variety among market gardeners. It is entirely solid, an excellent keeper and of fine, nutty flavor. In size and habit of growth it is much the same as Half-Dwarf White kinds, except when blanched, the heart, which is large and full, is of a waxy golden yellow, rendering it very striking and showy for either market or private use. We have an unusually fine strain, and sell hundreds of pounds each season to our most critical market gardeners. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.25; 2 lbs., \$4.00.

GIANT WHITE SOLID. The best of the large growing sorts and a favorite variety, solid, crisp and tender. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

NEW GIANT PASCAL. This variety is a sport from our Golden Self-Blanching Celery, which has become so popular within the last few years, thoroughly established by careful selection. It partakes of the best qualities of that variety, but is somewhat larger and taller. It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high; the stalks are very broad, thick and crisp; the width and thickness of these are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in 5 or 6 days. It is a splendid keeper. The heart is golden yellow, very full and attractive in appearance. We offer extra selected seed of our own growing. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.40.

KALAMAZOO BROAD RIBBED. This magnificent New Half Dwarf Celery originated with a prominent celery grower at Kalamazoo, Mich. It is very distinct and handsome, of a beautiful cream white color throughout, attains a very large size, of quick growth, stiff and close habit, remarkably solid and fine-flavored. Ribs are very broad, thick and closely set, while by reason of its neat growth and showy appearance, it is a specially valuable variety for market. It is also a first-class keeper, remaining fit for use as long as the Golden dwarf and other good keeping sorts. For the use of hotels, restaurants, and other large establishments, it is superior to most other kinds, there scarcely being any waste in dressing it for the table. It has such a distinctive appearance in growth as to cause almost every one seeing it to exclaim: "What celery is that?" long rows of it being as level and even as though each plant had been shaped in the same mould. It has already taken the lead as a keeping celery for winter use. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.75.

PERFECTION HEARTWELL. A very large solid growing variety of excellent flavor and a creamy white color. In size it is between the Golden Dwarf and Large White Solid. It makes an excellent market sort for winter use, as the stalks are clear and attractive in color, with large golden yellow heart, and of a size to influence purchasers. Very popular in the New York markets, where it is considered by many the finest of all winter varieties. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

CHICAGO GIANT GOLDEN HEART. This new sort is a selection made by a Chicago gardener from Dwarf Golden Heart. It is grown extensively around Chicago, growing much taller than its parent, with very broad stalks, very solid and a fine winter keeper. We recommend it highly. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

CRAWFORD'S HALF DWARF, also known as *Henderson's Half-Dwarf*. This variety is a great favorite. When blanched, it is of a yellowish white, making it very ornamental; entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

BOSTON MARKET. A bushy, white, solid, fine flavored market celery. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

NEW ROSE. In England, the Pink or Red Celeries are much more largely used than the White varieties, and we have often wondered why they were not more grown in this country. They possess many advantages over the white, being *hardier, more solid and better keepers*. The *New Rose* is the best of all the red varieties, combining all these desirable qualities, and is the most ornamental for the table, with its beautiful rose-colored heart and pink stems. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

Soup, or Flavoring Celery (Old Seed). Used for flavoring soups, stews and pepper sauce. Oz., 5c; lb., 30c.

The following well-known varieties of Celery are each 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.:

Imperial Dwarf Large Ribbed, Sandringham Dwarf White, Fern Leaved, Incomparable Dwarf Crimson.

CELERIAC—(Turnip-Rooted Celery).

LARGE SMOOTH PRAGUE. The largest, smoothest and best. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Apple-Shaped. A new kind, with small foliage, the roots being smoother and rounder than the old sort. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

CHERVIL.

This plant has a fine flavor and perfume, and is used for flavoring soups, etc., and in salads.

Curled. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.40.

CHICORY.

Large Rooted. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

COLLARDS—(Colewort).

Collards are largely used as "greens" in some parts of the country. They are a form of the cabbage, bearing new leaves as the old ones are pulled off. They are a sure and abundant crop, and should be more extensively grown.

True Georgia, or Southern. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CORN—Sweet or Sugar.

One quart will plant about two hundred hills and one peck is required to plant an acre in hills.

Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customers ordering Sweet Corn to be sent by freight or express can deduct 8c. per pint and 15c. per quart from these prices.

LARGE PACKETS OF ANY VARIETY, 10c. EACH, POST-PAID BY MAIL.

EARS OF EARLY VARIETIES, 10c. EACH; LATE VARIETIES, 15c. EACH, POSTAGE PAID.

SWEET CORN—Early and Intermediate Varieties.

Half peck and half bushel at peck and bushel rates.

CLARK'S NONE-SUCH. In offering this new second early sweet corn, we quote the following from a letter written us by Mr. C. S. Clark, the originator: "I have been growing sweet corn very largely for the trade for fourteen years, and have never introduced a new sort until this one now. This novelty (Clark's None-Such) I can recommend as the best out of over eighty sorts which I now grow, and I will give any man one hundred dollars for its equal in quality. It is sure to please because of its good size ear, strong growing qualities, and heavy yield. I will guarantee every cob to be pink in color, with white grain of good size tinted with pink at cob end. From a large crop grown for seed this season not one ear showed a sign of glaze or flint, therefore, it must be sweet and tender. It is twelve to fourteen-rowed, comes in use after Moore's Concord, with larger ears. The fodder is of beautiful color, tinted with pink, both on leaves and stalks."

In a critical test of this variety on our trial grounds, the past two seasons, we find Mr. Clark's strong claims fully substantiated. Pkt., 10c.; pint, 20c.; qt., 40c.; post-paid; qt., 25c.; peck, \$1.00; bush., \$3.75, by freight or express.

THE GUARANTEE. This new variety has had a great reputation for years in one of the largest market houses in Philadelphia, where it has been brought in its season by a Chester County market man. It had become known to its patrons as "The Guarantee," he having always, in disposing of it, guaranteed it to be the sweetest in the whole market. We have seen his supply of this corn sold out before 8 o'clock in the morning, long before the market was half over, notwithstanding the fact that his price was always 10c. per dozen above his competitors. It grows a fair-sized, handsome white ear, grain very much shrivelled when dry, coming in second early or intermediate, and producing three to four ears on each stalk. Pint, 25c.; qt., 40c.; peck, \$1.50.

BURBANK'S EARLY MAINE, THE EARLIEST SWEET CORN. (See photograph and description under Novelties, page 11.) Pkt., 10c.; pint, 20; qt., 40c.; post-paid; peck, \$1.15; bush., \$4.00.

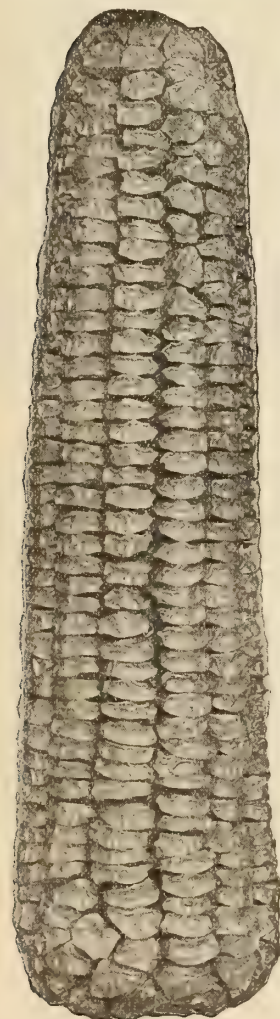


THREE AVERAGE EARS, BURLINGTON HYBRID, 1/2 NATURAL SIZE.

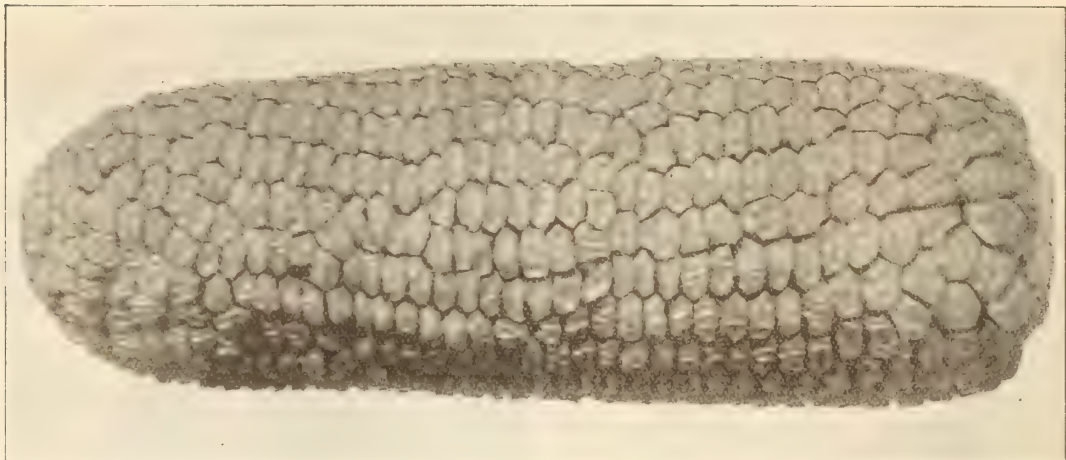
BURLINGTON HYBRID. This variety has been grown for several years with great profit by a few truckers of Burlington County, N. J. It has been adopted by a large number of our own patrons, on our recommendation, many of whom write us it gives them entire control of the early markets, proving extremely profitable. It is a cross between Adams' Extra Early and a large-eared, productive variety of sugar corn. Its great market value can be readily seen from the fact that it is as early as the Adams', with an ear fully as large as Stowell's Evergreen, and more productive than either, producing equal to the most prolific field corn, it having frequently produced over one hundred bushels to the acre grown for a field crop. Although not legitimately a sugar corn, yet the husks, blades and ear in a green state exactly resemble the sugar varieties, and it sells readily in market as a sweet or sugar corn. It is, however, of much better eating quality than the Adams'. When dry the grain is smooth and of a creamy-white color. The stalks grow to a height of about five feet and very compact, admitting of closer planting than any other variety; the ears begin to set low down and are borne three to four to a stalk. Pkt., 10c.; pint, 20c.; qt., 40c., post-paid; qt., 25c.; peck, \$1.00; bush., \$3.50, by freight.

THE CORY will produce good ears for boiling in fifty-two days from planting. It has a larger kernel than the Marblehead and is quite distinct, being nearly white in color. Our stock comes directly from Mr. Jos. Cory, the originator. Pint, 20c.; qt., 35c., post-paid; peck, 90c.; bush, \$3.25.

FIRST OF ALL. This new variety is a selection from the Cory, coming in a few days ahead of this famous sort. The ears are about the same size as Cory, a little lighter in color. It cannot fail to prove valuable for early market. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.75.



PHOTOGRAPH OF AN AVERAGE EAR OF CLARK'S NONE-SUCH.



EARLY DAWN SWEET CORN.

This new and distinct sugar corn is pronounced by those who have grown it the most valuable introduction since the Burlington Hybrid and Cory. It is unquestionably the **Largest-eared White-cobbed Early Sweet Corn**, with rich, creamy-white kernels, so large, plump and deep, that the shell or hull so prominent in most varieties is reduced to a minimum; the ears, in many instances, having sixteen to twenty-two rows. We believe it to be one of the best early genuine Sweet or Sugar Corns grown. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$1.25; bush., \$4.00.

NEW EARLY BONANZA. A few years since an enterprising market gardener of this city astonished his brother gardeners by having in market, *several weeks ahead* of any of them, *large, fine ears* of sweet corn in great abundance, for which he obtained almost fabulous prices. Having become quite celebrated for its fine quality, it was much sought after. Its good qualities were fixed by careful selection of seed, and it was named **NEW EARLY BONANZA**. It is undoubtedly as early as Minnesota, Crosby's and other extra early varieties, while the ears are much larger. It is *exceedingly prolific*, bearing two or three good ears to the stalk. Pint, 20c.; qt., 40c.; peck, \$1.00; bush., \$3.75.

STABLER'S PEDIGREE EXTRA EARLY. A popular variety with Philadelphia gardeners, noted for its earliness and sweetness. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

STABLER'S NONPAREIL (New). A splendid second early variety with large ears of the finest quality. It is very desirable for both canners and gardeners. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

THE HONEY. Originated with a German market gardener near Allentown, Pa., who had the reputation of bringing the finest and sweetest corn to that market, for which he realized very high prices. In growth and appearance it is unlike any other variety, the husks and stalks being of a deep red color during growth, while the corn itself is of a beautiful cream white, much shrivelled when dry, with deep grain and small cob. It is also a most productive variety, bearing three to four good, large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. No market or private garden is complete without it. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$1.25; bush., \$4.00.

CROSBY'S EXTRA EARLY. An early market variety; very productive, ears rather short and rich sugary flavor. Pint, 20c.; qt., 35c.; peck, 85c.; bush., \$3.00.

EARLY MAMMOTH, or ASYLUM. Ripens about two weeks earlier than Late Mammoth; ears somewhat smaller, but of good market size. Pint, 20c.; qt., 35c.; peck, 85c.; bush., \$3.00.

ROSLYN HYBRID. A medium early variety, with large fine ears, and in quality equal to Stowell's Evergreen. Much prized by canners and fine for market. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.75.

OLD COLONY. A very sweet and wonderful productive variety, averaging three ears on every stalk. The ears are of large size and well filled out. It ripens extra early. Its distinctive value lies, however, in its fine sugary flavor. Pint, 20c.; qt., 35c.; peck, 90c.; bush., \$3.25.

Early Large Eight-Rowed. A fine early sort; the ears are of large size and have but eight rows; delicious quality. Pint, 20c.; qt., 35c.; peck, 85c.; bush., \$3.00.

HICKOX IMPROVED. An excellent second early, very sweet and productive, excellent for canning. Pint, 20c.; qt., 35c.; peck, 85c.; bush., \$3.00.

SHAKER'S EARLY. A new variety of excellent quality, ripening with the Early Minnesota, but with larger ears; produces two or three large ears with each stalk. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

SQUANTUM, or POTTER'S EXCELSIOR. An excellent variety of the finest quality for table use and market; ripens early with fine large ears and deep grain. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

SWEET CORN—Late Varieties.

Large pkt., 10c.; ears, 15c., post-paid.

COUNTRY GENTLEMAN. A new sort possessing all the good qualities of the popular **Shoe Peg** with much larger ears. See photograph under Novelties, page 11. Pkt., 10c.; pint, 20c.; qt., 40c.; post-paid; peck, \$1.00; bush., \$3.75.

STOWELL'S EVERGREEN. The best and one of the sweetest; ears large, remaining green longer than any other variety. Pint, 20c.; qt., 35c.; peck, 85c.; bush., \$3.00. Special prices for larger quantities.

SHOE PEG SWEET. This very excellent new and distinct variety originated at Bordentown, N. J., in which market it is considered the sweetest and choicest sort grown, selling at double the prices of all other varieties. It is very distinct in growth from any other and has the deepest grain and smallest cob of any known variety. The stalks are of medium height, without suckers, joints short, and sometimes yield as many as five ears, well filled out. The kernel is small, very long, white and exceedingly tender, sweet and of a rich, juicy flavor not equalled by any other sort, except the new **Country Gentleman**, described and illustrated under Novelties. Pkt., 10c.; pint, 20c.; qt., 35c., post-paid; peck, 85c.; bush., \$3.00, by freight or express.

LATE MAMMOTH. The largest of all varieties; ears very large, productive, flavor rich and sweet; a fine market variety. Pint, 20c.; qt., 35c.; peck, 85c.; bush., \$3.00.

EGYPTIAN, or WASHINGTON MARKET. A large variety somewhat resembling the Evergreen; flavor peculiarly rich and sweet, and superior quality; fine for market. Pint, 20c.; qt., 35c.; peck, 85c.; bush., \$3.00.

Fodder Sweet Corn. For soiling and green fodder. Bush, \$1.50; 5 bush. and over, \$1.40 per bush.

OTHER STANDARD VARIETIES.

We can also supply the following standard varieties of Corn, which are too well known to need description, at the uniform price of 20c. per pint; 35c. per qt., post-paid; 20c. per qt.; 85c. per peck; \$3.00 per bush., by freight or express: **Early Minnesota**, **Early Marblehead**, **Adams' Extra Early**, **Perry's Hybrid Extra Early**, **Moore's Early Concord**, **Early Triumph**, **Amber Cream**, **Red Cob Evergreen**, **Ne Plus Ultra** or **Little Gem**, **Black Mexican**, **Improved Ruby**.

POP CORN FOR THE BOYS.



WHITE RICE. QUEEN'S GOLDEN. MAPLEDALE PROLIFIC.

QUEEN'S GOLDEN POP CORN. This new sort is one of the best of all for popping, owing to its large size, extreme tenderness and pure white color when popped. It grows about six feet in height, and bears three to four good ears to a stalk. Ear, 10c.; 3 ears, 25c.; shelled, per pkt., 10c.; pint, 25c.; qt., 45c., post-paid; 1b., 15c.; 2 lbs., 25c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

MAPLEDALE PROLIFIC POP CORN. The most productive pop corn, averaging eight to twelve good ears to the stalk; as many as nineteen ears have been taken from a single stalk. It grows five and a half to six feet high, with ears of uniformly large size; grain pearly white, pops to a large size, and very tender. Ear, 15c.; large pkt., shelled, 10c.; pint, 25c.; qt., 45c., post-paid; 1b., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

WHITE RICE POP CORN. A splendid variety for popping purposes; grains sharply pointed, as shown in illustration above. Ear, 10c.; pkt., 10c.; pint., 25c.; qt., 45c., post-paid; 1b., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

SILVER LACE POP CORN. Pearl Pop Corn. (Small Grain.) Eight Rowed Pop Corn. (Large Grain.) Each, pkt., 10c.; pint, 20c.; qt., 40c., post-paid; by freight or express, 1b., 10c.; 3 lbs., 25c.; 25 lbs., \$1.75; 100 lbs. and over, 5c. per lb. Special prices for larger lots.

CORN SALAD—FETTICUS, or LAMBS' LETTUCE.

One ounce will sow about eighteen square feet, and six pounds will sow one acre.

BROAD LEAVED (LARGE SEEDED). The best variety for family use and market purposes and deserving of more wide-spread cultivation. It makes a delicious small salad used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September, thickly, in drills $\frac{1}{4}$ inch deep. Tread the ground if dry weather. Protect with litter when cold weather comes and winter over like spinach. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; 1b., 65c., post-paid; 5 lbs. and over, 50c. per lb., by express.



Northern Grown from Carefully Selected Seed Stocks.

One ounce will plant about fifty hills; two pounds will plant one acre.



THORBURN'S NEW EVERBEARING CUCUMBER.

THORBURN'S EVERBEARING. This variety is entirely new and unique, and will prove valuable both for the table and for pickling. It is of small size, *very early, enormously productive*, and extremely valuable as a green pickler. The peculiar merit of this new cucumber is, that the vines continue to flower and produce fruit until killed by frost, *whether the ripe cucumbers are picked off or not*—in which respect it differs from all other sorts in cultivation. Cucumbers in every stage of growth will be found on the same vine. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; 1b., 85c.



JERSEY EXTRA EARLY PROLIFIC PICKLE.



JERSEY EXTRA EARLY PROLIFIC PICKLE. This splendid new variety was originated by a prominent New Jersey grower in the celebrated pickle district on the Delaware River, about twenty-five miles above Philadelphia, where more pickles are grown than in any other section of the United States, over one hundred and fifty thousand bushels being picked and annually put up for commercial pickles in this section. It is ten days earlier than the old Long Green or Jersey Pickle and more productive. Growers of thirty years' experience say it is "a perfect pickler in all respects." Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; 1b., \$1.00; 5 lbs. and over, 80c. per lb.



Evergreen Early White Spine Cucumber.

This valuable variety differs from the ordinary White Spine in holding its deep green color much longer, both before and after being taken from the vines. It is also earlier and more productive. The fruit is of good size and handsome, smooth shape, straight, well formed and full at both ends. The flavor is delicious, the flesh being unusually tender and crisp. Whether grown for the family garden or as a shipping variety, it is superior to any we know of. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 30c.; lb., 90c., post-paid; 5 lbs. and over, 75c. per lb., by express.

Early Russian. Very early, hardy and productive; produced in pairs. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Early Frame, or Early Short Green. Very productive, of medium size, straight and excellent for table use or pickling. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

PEERLESS, or IMPROVED EARLY WHITE SPINE. Very early and productive, medium to large size, deep green. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NEW GIANT OF PERA. This variety was brought here from Turkey by Dr. Harris, of Philadelphia. They are of the most delicious flavor, no other cucumber we have ever eaten surpasses them. Another remarkable quality is that they are very crisp and tender at all stages, and can be eaten at any time during growth. They grow to an enormous size, frequently to one and a half feet in length and ten to eleven inches in circumference; very smooth and straight, with a beautiful green skin. The fruit sets near the hill and grows close together, making them exceedingly prolific. The seed cavity is very small, and the seeds are slow to form and few in number. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

White Japan. Very desirable for the table or pickles, being pure white, productive and of superior quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Tailby's Hybrid. A hybrid of the White Spine, with a large English variety, retaining the prolificness of the former, united with large size, hardness and desirable market qualities. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

NICHOLS' MEDIUM GREEN. In length medium between the White Spine and Long Green; very thick through and full at both ends, presenting a beautiful type; skin of a light green color and very smooth; the vines are very hardy and productive; they are excellent for slicing or pickling. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NEW PARIS PICKLING. A very desirable and distinct new French sort. The fruit is very long, slender, cylindrical; densely covered with fine prickles, and deep, rich green in color. The flesh is very crisp and tender, making it one of the best for slicing as well as for pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Green Prolific, or Boston Pickling. A short pickling variety, of fine form and flavor, enormously productive, crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.



GIANT OF PERA.



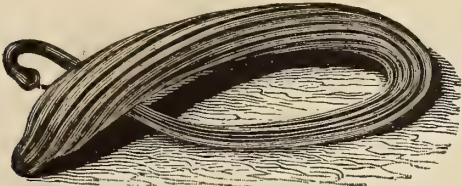
IMPROVED LONG GREEN, OR JERSEY PICKLE CUCUMBER.

IMPROVED LONG GREEN (Jersey Pickle). A standard pickling variety; dark green; tender, crisp, productive, of fine flavor and uniform size. We supply each season hundreds of the most critical Jersey market gardeners and pickle growers with our superior strain. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

WESTERFIELD'S CHICAGO PICKLE. In recent years Chicago has become the centre of a very large pickling industry. This variety, originated by Mr. Westerfield, a gentleman largely interested in the business, is preferred for pickling by almost every large pickling factory in that city, and for commercial pickles it is one of the best. We offer the best selected seed of this variety; none better at any price. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CUCUMBERS—Continued.

WEST INDIA GHERKIN, or BURR. Also known as the *Jerusalem pickle*. A very small, oval, prickly variety, quite distinct from all others. It is grown exclusively for pickling; it is the smallest and best of all for small pickles, and should always be picked when young and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.15.



SERPENT, OR SNAKE CUCUMBER. Pkt., 10c.

SERPENT, or SNAKE CUCUMBER. A great curiosity, growing six feet long, and coiled like a snake, as shown in above illustration, with the head protruding. The Chinese consider this variety a great delicacy, either raw or boiled. Pkt., 10c.; 3 pkts., 25c.; oz., 50c.

CUCUMBERS—English Frame.

Carter's Champion, Blue Gown, Telegraph, Giant of Arnstadt, and other good sorts. Each, per pkt., 25c.

CRESS.

One ounce will sow about fifteen square feet.

NEW UPLAND CRESS. A perennial grown same as spinach, but exactly resembles water cress in flavor. Pkt., 10c.; 3 pkts., 25c.

Extra Curled. (Pepper Grass.) Fine flavor and can be cut several times. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.

TRUE WATER CRESS. A well-known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.



WATER CRESS.

DANDELION.

Improved Large Leaved. A very early and healthful spring salad. Sow early in the spring in drills eighteen inches apart, and thin out to six inches in the drills. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

EGG-PLANT.

One ounce will produce about one thousand plants.

NEW JERSEY IMPROVED LARGE PURPLE SMOOTH STEM. The finest of all egg-plants. (See Specialties, page 8.) Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

NEW YORK LARGE PURPLE. A leading and popular market variety, grown extensively in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; excellent and productive. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Black Pekin. A very handsome variety, with large, round, black fruits; very smooth and glossy, of fine delicate flavor, but not a sure bearer, especially in the North. Pkt., 10c.; 3 pkts., 25c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.25.

Tomato Egg-Plant. A great curiosity. Pkt., 10c.; 3 pkts., 25c.

ENDIVE.

THIS plant makes a tender and delicious autumn salad. It is planted in June or July, and when nearly full grown, the outer leaves are tied together in order to bleach the centre.

One ounce will sow fifteen feet of drill and will produce about three thousand plants.

NEW LONG-STANDING WINTER. A most valuable new and distinct variety, growing about as large as the *Mammoth Green Curled*, but more upright in growth and self-bleaching to a remarkable extent, assuming beautiful cream white in the centre and blending off to a beautiful pale green. It is extremely hardy and will stand longer and keep better than any other known sort. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.

Green Curled. The well-known old sort; dark green curled leaves. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



EVER WHITE CURLED ENDIVE.

EVER WHITE CURLED. (See illustration.) The most beautiful variety, mid-rib yellow. Leaves almost white, large size, crisp and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

NEW MAMMOTH GREEN CURLED. This beautiful and valuable variety is much superior to the old Green Curled, and grows to full twenty inches in diameter. The leaves are very crisp, tufty and full in every stage of growth. The mid-rib is pure white, thick, fleshy and tender. It is equally suitable for spring, summer or autumn planting. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

FENNEL.

FLORENCE CELERY, Rooted. A novelty from Italy, where, owing to its delightful sweet flavor, it is much preferred to celery. It thrives remarkably well in our climate, and is of the easiest culture. Seed can be sown early in spring and cultivated same as parsley, except that the thickened part of the root should be covered with soil a short time before completing the growth. Pkt., 10c.; 3 pkts., 25c.; oz., 75c.

GOURDS.



LUFFA GOURD.

LUFFA, or DISHCLOTH. This remarkable and handsome climber is a native of the East Indies. In its nature has furnished us with a vegetable dishcloth, the seeds being enveloped in a sponge-like cloth, tough, elastic and durable. The fruit grows about two feet in length. The vine grows to a height of twenty to twenty-five feet in a season, producing clusters of large yellow blossoms. Many ladies prefer this dishcloth to anything that can be made. For the bath, and for all uses of the toilet in general, the "Dish Rag Gourd" is taking the place of the sponge. It is, in fact, a sponge, a soft brush and a bath glove combined, and is quite often made into summer bonnets. The fibre wears away almost imperceptibly, and as long as any part is left they are as good as new. Even with daily use they will last for years. The dried interiors of these gourds have become an article of commerce; they are sold in Philadelphia and New York, while in England their sale and use are quite general. Pkt., 10c.; 3 pkts., 25c.; 7 pkts., 50c.

DIPPER. Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.

SUGAR TROUGH. Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.



FINE MIXED. A collection of the most ornamental, including all the above. Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.

GARLIC.



GARLIC BULBS.

post-paid; 10 lbs. and over, 20c. per lb., not prepaid.

HORSE RADISH.

HORSE RADISH is grown from young roots or sets which should be planted out in the spring. They will form a large sized radish fit for use in one season's growth. Roots, per dozen, 20c.; per 100, 75c., by mail, post-paid. Write for special prices by the thousand.

KOHL-RABI—Turnip-Rooted Cabbage.

THIS is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. One ounce will sow one hundred and fifty feet of drill.

EARLY WHITE VIENNA. Flesh tender and white. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

Early Purple Vienna. A little later than the White; color bluish-purple. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

NEW SMOOTH WHITE. Very Short Leaved. Extra fine for market and table use, the best Kohl-Rabi, much superior to Vienna. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

NEW SMOOTH PURPLE. Very Short Leaved. Extra fine purple. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

KALE.—Borecole.

One ounce will produce about two thousand plants.

EXTRA DWARF GREEN CURLED SCOTCH KALE. This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy, and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright green color, beautifully curled, and produced in great abundance. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

GREEN CURLED SCOTCH. Philadelphia Stock. A favorite with Northern market gardeners; growing about two feet in height and harder than the Extra Dwarf Green Curled Scotch, being improved by frost; leaves green and beautifully curled and wrinkled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

SIBERIAN CURLED. This variety grows a little larger and coarser than the preceding; the leaves are not deeply curled and are of a bluish-green color, very hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CURLED MOSBACH. A particularly fine strain; leaves bent upward, light green, double curled, white narrow ribs and veins—very showy, resembling a fine curled parsley. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

SEA KALE. Grown for its blanched shoots; cooked like Asparagus. Sow early in the spring, in rows two feet apart; thin out to stand six inches in the rows; before winter, cover with leaves; the next spring transplant in hills three feet apart. Pkt., 10c.; oz., 25c.; lb., \$2.50.

JAPANESE NEST EGG.

These exactly resemble the eggs of hens, making a capital nest egg; superior to glass eggs, as they do not break and are uninjured by cold or wet. The plant is a rapid growing climber. Pkt., 10c.; 3 pkts., 25c.; oz., 50c.



JOHNSON & STOKES' NEW IMPERIAL OR LONG STANDING KALE.

JOHNSON & STOKES' NEW IMPERIAL, or LONG STANDING. A beautifully curled and crimped sort, selected by a Philadelphia market gardener. Of strong, vigorous habit, perfectly hardy, bright green color, and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Height, about two feet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

LEEK.

One ounce will sow one hundred feet of drill, and produce about one thousand plants.



NEW GIANT ITALIAN.

NEW GIANT ITALIAN.

This new leek from Italy is fully twice the size of the ordinary London Leek, and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in flavor; extremely hardy, and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

LARGE AMERICAN FLAG. Previous to our introduction of the Giant Italian, this was the favorite variety with gardeners. Very fine and large. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

CARENTAN, or SCOTCH CHAMPION. An extra large variety from Scotland, growing rapidly and very hardy. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

London Flag. Pkt., 5c.; oz., 10c.; lb., \$1.40.

THE NEW VEGETABLE FRUIT.

WE distributed several thousand packages of this small round fruit, free for trial, among our customers. A large number of our lady customers write they are greatly delighted with it, and pronounce it a most valuable acquisition for preserving, and excellent as a substitute for apples for pies, etc. It is one of the most beautiful of vine fruits, of bright yellow color, irregularly striped and splashed with beautiful dark mahogany, and so fragrant that a single specimen will perfume a room. Should be planted four by four feet and two plants allowed to grow to a hill. Pkt., 10c.



JOHNSON & STOKES CHAMPION SPRING AND SUMMER LETTUCE

Johnson & Stokes' Champion Spring and Summer Lettuce.

This new variety is certainly one of the **most valuable and distinct varieties** in existence. The photograph above hardly does it justice, as it would be impossible to portray on paper its beautiful **bright golden color and flaky light appearance**, in which it is unapproached by any other lettuce. It is not only one of the best early lettuces for spring planting, forming good solid heads before half grown, but alike valuable for growing during the hottest months, being one of the slowest to shoot to seed. The quality and flavor are simply perfect, surpassing all other varieties of cabbage lettuce. The seed is also very distinct from any known lettuce, being a brownish-yellow in color. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

LETTUCE.

One ounce will sow about one hundred square feet and produce three thousand plants.

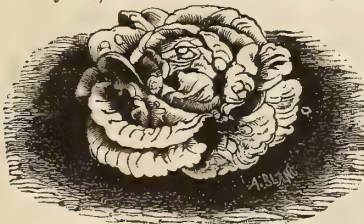
NEW SENSATION LETTUCE. The best variety ever introduced for all seasons and purposes. (See Novelties and Specialties, page 12.) Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

"I have been a large grower of lettuce for thirty years, and have grown all the most noted varieties, but your Sensation is an improvement on them all."—L. D. GIBSON, Brentwood, N. Y.

"Sensation Lettuce is the finest in size, quality and all other respects, of any ever seen in this part of the country."—E. T. WINE, Free Hill, Tenn.

JOHNSON & STOKES' NEW HOT-HOUSE. We have been working with this new lettuce for the past four years, and offered it for sale last season for the first time.

We distributed several thousand packages, and from the numerous favorable reports received, it cannot fail to produce admirable results and please the most critical grower. It grows very rapidly to nearly double the size of the Tennis Ball, a sure header and never rots in



JOHNSON & STOKES' NEW HOT-HOUSE.

the heart like some. Every gardener who grows lettuce in greenhouses or hot-beds should give it a trial. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

NEW GOLDEN QUEEN. A splendid new forcing lettuce, of golden yellow color; of very dwarf, compact growth, with few loose outer leaves, enabling it to be planted very close. The quality is very similar to the Boston Market or Tennis Ball, but distinct in appearance. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

BIG BOSTON. (Hittinger's Belmont Forcing.) This new variety resembles the well-known Boston Market Lettuce, but produces heads about double the size, and matures a week later. A valuable sort for open ground or forcing. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

PHILADELPHIA EARLY WHITE CABBAGE.

Produces fine, greenish-white, well-formed heads of extra quality and remarkably tender and crisp. It is of very quick growth and is largely grown both for forcing and summer use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.35.

SILVER BALL. A handsome variety, head of silvery white, very solid and firm, of exquisite flavor. A splendid variety for winter forcing, also for early spring and summer use, coming early and standing a long time before running to seed. It is one of the best all-the-year-round lettuces we know of. We offer an extra selected strain, pronounced by market and private gardeners who have had it, superior to any they can get. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

DENVER MARKET. This is an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads, and is very slow to run to seed. The leaves are beautifully curled and crimped (like Savoy Cabbage), and are very tender and crisp. The crimped leaves distinguish it from any other kind of lettuce now grown. The shape of the head resembles the Hanson. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

GRAND RAPIDS. This variety originated at Grand Rapids, Mich., where it is largely grown for shipment to distant points, and is considered by many the best loose-headed lettuce for forcing under glass. Leaves medium size, of light, yellowish green color, much crimped and frilled, thin, but of very upright growth; crisp, tender and of good quality. Owing to its upright habit it may be planted very closely. It is of extremely rapid growth; very little liable to rot; will stand without spoiling a week to ten days after it is fit to cut, and retains its freshness a long time after cutting. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.60.

BLOND BLOCKHEAD, or SUNSET. This new French variety is distinct from any other variety in its attractive shape, large solid heads, and beautiful golden color, hitherto unknown in this class of lettuce. It withstands heat remarkably, keeps in good, fresh condition long after being cut, and ships splendidly. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.15.

BLACK SEEDED SIMPSON. In Chicago and other Western cities this is the most popular and best selling lettuce grown. It differs from Early Curled Simpson in being much lighter in color, the leaves nearly white and attaining almost double the size of that variety. It also stands the summer heat splendidly when grown outside.

CALIFORNIA ALL HEART LETTUCE



CALIFORNIA ALL HEART. The valley of Santa Clara, California, just south of San Francisco, has of late years been noted for growing the finest lettuce in the world. This new variety was sent from there, with the request that we test it. The originator, a prominent grower, in sending us the seed, wrote: "No praise is too high for its merits, as its superior does not exist." After a fair trial by ourselves and numerous customers, we can fully endorse his strong claims for it. Its shape is very distinct, heading up like a pointed cabbage and almost as solid, of a beautiful light green shade, almost white, and particularly rich and buttery in flavor. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

VICTOR DUTCH BUTTER. (Market gardeners' private stock.) This fine variety has had a famous local reputation around Philadelphia, where market gardeners have heretofore paid very high prices for seed. It is a greatly improved strain of the Dutch Speckled Butter, most highly prized for early spring and autumn sowing; producing crisp, white, solid heads, almost equal to a cabbage; the outer leaves are speckled with a brownish tinge. It is an elegant forcing variety, or for growing in cold frames, and stands heat and cold to a remarkable degree. Pkt., 5c; oz., 25c; $\frac{3}{4}$ lb., 65c; lb., \$2.25.

ARLINGTON TENNIS BALL. This strain of white-seeded Tennis Ball is saved by one of the most successful market gardeners in Arlington, Mass., where the **Tennis Ball** Lettuce originated. His Lettuces have carried off first premiums at the Massachusetts Horticultural Shows for years in succession. The seed is saved from plants started **under glass**, by which means the valuable forcing qualities are better retained than from plants started outside, and from selected heads only. It is in every respect the same as the originator uses for stock and which other gardeners have heretofore been glad to get, paying \$1.00 per ounce for it. We highly recommend this special strain, knowing that nothing finer in a forcing lettuce can be obtained. The price we have to ask for this is slightly above ordinary stock; but when the extraordinary pains taken in forcing and setting out the plants, selecting and saving, are considered, any one who knows the importance of sowing the best seed will not hesitate in paying the slight difference in price. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

CALIFORNIA CREAM BUTTER. This variety forms large, solid, round, compact heads, light green outside and creamy yellow within. It is medium early and strongly recommended as a summer variety, being very slow to shoot to seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

LONGSTANDER BRONZE HEAD. This new lettuce is pronounced by those who have grown it the *largest, handsomest and longest standing* of any brown cabbage lettuce. Its strong points and beautiful *golden bronze color* are well described by a well-known market gardener, who writes: "There are not words in the English language to sufficiently praise your new lettuce, Longstander Bronze Head. It goes to head when very small and continues growing through the whole summer, attaining a size larger than a half-bushel. I could not get any of it to go to seed for me; it stood from April until October and never started to seed. It is exceedingly tender and of the best flavor; it looks very greasy-like, as though a fine yellow oil had been poured over it, saturating every part of the head and leaf." Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$3.00.

PHILADELPHIA DUTCH BUTTER SPECKLED. Producing large heads of excellent quality; one of the best for the market gardener; stands heat well and slow to run to seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.

IMPROVED HANSON. An improved strain of this superior curled heading variety, of large size, often weighing three pounds; sweet, tender and crisp, of a beautiful green without and white within. Resists heat and drought well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

NEW WHITE RUSSIAN SUMMER. This is pre-eminently one of the best sorts to withstand our long, hot summer. The heads generally have to be cut before any seed-stalk will appear. It is not a forcing variety, but one of the best for open ground crops, both North and South. Of very rapid growth, with few outer leaves; in color it is a light apple green, yellowish-white inside, and forms a **very large, solid head** of the finest quality for market and shipping. All who have planted it are enthusiastic in its praise. This lettuce is so distinct that a casual observer could readily discover a single head in an acre of any other sort. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

REICHNER'S EARLY WHITE BUTTER. This very excellent new variety is the result of several years' selection from the Philadelphia Early White Cabbage made by the Reichners, who are among the best market gardeners around Philadelphia. It is a splendid forcing lettuce, and very valuable for summer on account of its slowness to shoot to seed. It is also the best variety for sowing in the fall, for planting on ridges, being entirely hardy in the South, and requiring only a slight protection in the North; produces fine, large, white solid heads of superb quality, and is remarkably early. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

NEW PERPETUAL, or IMPROVED SIMPSON. This variety is entirely distinct, not heading, but forming huge compact bushes. The leaf is a *yellowish-green and very tender*. For private use it is especially adapted, as only one sowing is necessary for the whole season. It remains up to the time of seedling of just the same quality for eating as at any time before. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

TOMHANNÖCK. A splendid new cutting lettuce of fine quality, which it retains for an unusual length of time during growth; the leaves grow upright, the edges of the leaves growing outward and handsomely wrinkled. The inside leaves are of a very pale green, and remarkably crisp and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

SALAMANDER. An excellent summer variety, withstanding drought and heat to a remarkable extent; forms good-sized compact heads; light green outside; white within. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.60.

NEW YORK. A very large green lettuce with solid heads, often weighing three to four pounds each. Not suited for forcing, but excellent for summer use, being slow to shoot to seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.40.

AMERICAN VARIETIES MIXED. Fifteen kinds mixed in one packet. Early, medium and late sorts, giving lettuce for table use the entire season. Pkt., 10c; oz., 20c.

Other Standard Varieties Lettuce. The following are so well-known as not to require a detailed description. We can furnish them at the uniform price of 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.40 per lb., post-paid: **White Seeded Tennis Ball, or Boston Market, Black Seeded Tennis Ball, Hubbard's Market, Deacon, Early Curled Simpson, Curled Silesian, Phila. Early Prize Head, Standwell, Chartier, Black Seed Satisfaction, Improved Defiance Summer, Improved Yellow Seeded Butter, Large Passion, Oak Leaved.**

THE TRIANON COS, or CELERY LETTUCE.



NEW TRIANON COS LETTUCE. This new variety from France is by far the best **Cos Lettuce** we have ever grown and, after a critical test of three seasons, we can recommend it as the very finest of its class. The leaves when bleached are stiff like celery stalks and can be eaten in the same manner. In many countries of Europe where known, this lettuce is preferred to celery. Those who have never grown the Cos Lettuce will be amply repaid by giving this new sort a trial. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Paris White Cos. Pkt., 5c; oz., 15c; lb., \$1.40.

Johnson & Stokes' HIGH BRED Melon Seed

WE grow our Melon Seed almost exclusively on our own farms and those of our private growers in New Jersey, a State famous for producing the finest melons in the world. We are to-day the largest growers of melon seeds in the United States, our annual production amounting to many tons. During past years we have annually supplied them, not only in the United States, but to customers in nearly every country in Europe, Africa, South America, Mexico and West Indies. We also supply, every season, over our counter, hundreds of New Jersey truck gardeners with our superior strains. We attribute the popularity of our melon, as well as of other seeds, to our careful selection of the very finest specimens for our seed stocks, thus improving and breeding up our stocks to the highest state of perfection. As will be noted in the following descriptions, several of the best and most popular melons now known were first introduced by us.

MELONS.—Musk or Cantaloupe.

One ounce will plant about seventy hills; three pounds will plant one acre.

NEW GREEN FLESHED OSAGE. Offered last season for the first time. See photograph and description under Novelties, page 13. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

What Others say of New Green Fleshed Osage.

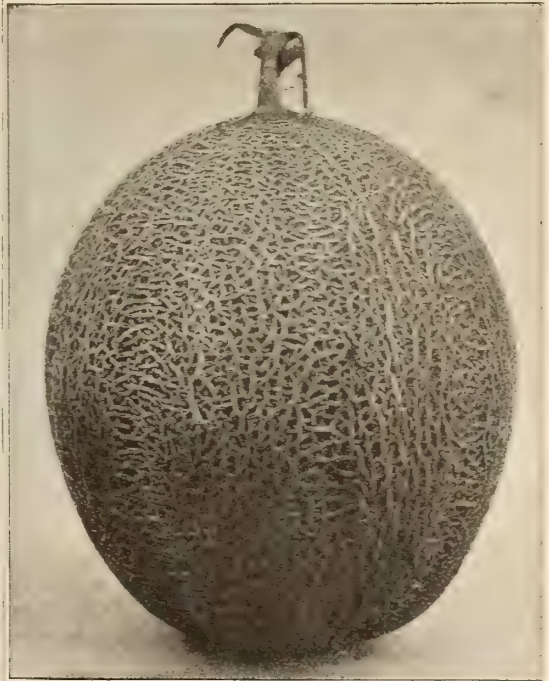
CHAUNCEY P. COY, Waterloo, Neb., Nov. 10, 1893, writes: "The New Green Fleshed Osage we call here the King of all Green-fleshed Muskmelons."

F. H. NOBLIT, Peach, Tenn., Oct. 21, 1893, writes: "Your New Green Fleshed Osage is the best and finest flavored melon I have ever seen. It is worth its weight in gold."

A. M. FAIRHURST, Emison, Ind., Nov. 17, 1893, writes: "The Green Fleshed Osage Muskmelon did splendidly. They are most handsome in appearance, and in quality are unsurpassed by any other melon."

NEW BANQUET. A beautiful new red fleshed melon. See photograph under Novelties, page 14. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

THE DELMONICO. Another new melon from the same source as the Banquet, of large size and oval in shape. The flesh is of a beautiful orange pink, and for excellence in quality, all lovers of good cantaloupes should try the Delmonico. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.



PHOTOGRAPH OF A NETTED BEAUTY.

NETTED BEAUTY. This new variety, first named and introduced by us, has met with large sale, and many leading melon growers have realized handsomely on their crops of Netted Beauties, owing to their great earliness and distinct handsome appearance, as shown in the above photograph. It is very early, coming in a few days after our **EXTRA EARLY PRIZE** and **JERSEY BELLE**, which are the earliest melons known. It is completely covered with a dense netting, and entirely free from any tendency to rib like other sorts. It is also very productive; our whole crop averaged in past seasons over ten melons to the vine, on good ground. The flesh is pale green, very thick, sweet and high-flavored. Since our introduction of this variety three years since, a melon introduced under another name by a prominent firm is so similar, on our trial grounds, as to seem identical with it. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25; 5 lbs., \$5.00.

"Netted Beauty is more than you claim, wonderfully prolific; stood up well in our wet season while all others rotted."—W. M. GIRARDEAU, Monticello, Fla.

JERSEY BELLE. The earliest and best muskmelon for light and sandy soils. See photograph and description under Novelties, page 14. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

EXTRA EARLY PRIZE. The earliest and best muskmelon for strong soil. See Specialties, page 13. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; 5 lbs. and over, 85c. per lb.



PHOTOGRAPH OF THE NEW EARLY HACKENSACK.

NEW EARLY HACKENSACK. (See photograph.) This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, its progenitor, which it much resembles. The melons are almost equal in size to the old Hackensack, weighing from five to ten pounds each. It is very productive, averaging five to six melons on the vine, all very deeply netted. Its carrying and shipping qualities are equal to those of any known variety, and is fast becoming popular in the South, where it is grown for shipment to Northern markets. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.; 5 lbs. and over, 60c. per lb.



AN AVERAGE SPECIMEN OF OUR GOLDEN GEM.

GOLDEN GEM (Netted Gem, or Golden Jenny.)

This valuable cantaloupe, first introduced by us, is admitted by prominent melon growers to be one of the very best grown. The photograph above shows their shape. They grow very uniform in shape and size, weighing about two pounds each, skin green and thickly netted. They are very thick meated, flesh of a light green color, the inside surface, when cut open, being of a beautiful golden color. In quality and flavor they are superior, being uniformly rich, sugary and luscious. They are extra early, ripening a few days after our Jersey Belle and Extra Early Prize. The vines keep green longer and produce better than any variety we have ever known. They sell in markets, where known, right alongside of other varieties, at double price. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.; 5 lbs. and over, by express, 60c. per lb.

EARLY JENNY LIND. A standard popular sort, rather small, early and flattened on the ends. Flesh green and generally good in flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs. and over, 45c. per lb.

WARD'S NECTAR. An exceedingly sweet and delicious green fleshed variety, considered by many growers the very best of all the green fleshed sorts. Grows to good size, well netted and of handsome shape. Try it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

MILLER CREAM, or RED-FLESHED OSAGE. No variety of muskmelon has become so widely known in such a short time as the **Osage, or Miller Cream**, as it is called in some sections. In the Chicago and other Western markets it is now the favorite sort. It is also well known by commission men and the general public, being offered on the hotel and restaurant bills of fare by its own name—“**OSAGE**.” It grows to a medium size, and is egg or globe-shaped. The skin is very thin, of dark green color, and well netted. The flesh is of a salmon pink color, remarkably sweet and spicy in flavor, extremely thick and delicious to the rind. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.; 5 lbs. and over, 60c. per lb.

NETTED PINEAPPLE. A splendid market variety of good shape, medium size, flesh green and thick, firm, juicy and sweet; very early and popular in our markets. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.; 5 lbs., \$2.50.

NEW SUPERIOR. A beautiful new, round muskmelon originated in New Jersey, free from ribs and densely netted. Flesh light green and of the finest quality. Our customers will find it a very superior melon for either home or market garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

ACME, or BALTIMORE. This melon is the most popular of all in Baltimore markets and throughout Maryland, where it is known as Baltimore citron. It has of late years also become prominent in Philadelphia and New York markets as Acme Cantaloupe, and in its season is much sought after by the best hotels and restaurants. It is quite early, very large and showy, pointed at the ends; strongly netted, thick, rich, green flesh. It is one of the best and most profitable varieties for shipping to distant markets. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.; 5 lbs. and over, by freight or express, 50c. per lb.

EMERALD GEM. This most excellent new muskmelon originated in Michigan. It is of superior flavor and quality; the skin is an emerald green color and quite smooth; they ripen early and produce well, being about the size of our *Golden Gem*; the flesh is light red or salmon, very thick, juicy and crystalline, and luscious in flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.; 5 lbs., \$3.00, by express.

CHICAGO MARKET. A superior market variety, developed by Mr. A. Colvin, a well-known Chicago gardener. It is the most popular green-fleshed Nutmeg in Chicago and other Western markets, and is steadily growing in favor in the East. It comes quite early for such a good sized melon. Very uniform in size, deep green flesh of excellent quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.; 5 lbs. and over, 70c. per lb.

CHAMPION MARKET, or STARN'S FAVORITE. This new muskmelon is quite distinct from all other varieties. The melons are almost a perfect globe in shape and densely netted. They are very uniform in size, averaging about six pounds each. The flesh is thick, light green in color, and of rich, sweet flavor. Six melons will fill a market basket. The vines are very vigorous, remarkably healthy, and very productive. The melons mature early, and all ripen up finely. It is an excellent shipper and a most popular variety for market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.; 5 lbs. and over, 70c. per lb.

THE PERSIAN MONARCH. The fact that this grand new cantaloupe comes from Persia, the original home of the muskmelon, will of itself be sufficient recommendation to many who have never grown it, as some of our finest and oldest varieties come from the same source. **The Shah** (as it is called in Persia) or **Persian Monarch** is decidedly the best of all foreign muskmelons, being much the richer in quality. The flesh is much thicker and the rind thinner than in any other, or, as a friend remarked in testing their quality: “**There is three times as much eating in one of these melons as in any other, and eating fit for the gods.**” They grow to medium size, with very thick, rich salmon-colored flesh. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.75.



PHOTOGRAPH OF OUR PRINCESS MUSKMELON.

THE PRINCESS. We feel justly proud in having been the first seedsmen to offer to the public a new variety of such extraordinary value. In the past four years over two thousand melon growers have pronounced the *Princess* to be the finest and sweetest of all salmon or red fleshed melons. It is quite distinct from all other varieties, and possesses so many strong points of superiority that it has speedily become the most popular variety for family and market purposes. The *Princess* is a chance seedling, discovered some years since by one of our customers, a large melon grower near Boston, who claims to have sold them as high as \$2.50 each, to fancy restaurants in Boston, owing to their extremely handsome appearance, wonderful weight and thick flesh when opened. Our engraving, made from nature, shows their shape, which is nearly round, with heavily netted dark green skin; the flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to good size, frequently weighing eight to ten pounds each, and always command the very highest prices in market. The vines grow vigorously and are very productive and hardy. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



A PHOTOGRAPH OF OUR SPLENDID NEW CANTALOUPE, OR MUSKMELON, JOHNSON & STOKES' SUPERB.

JOHNSON & STOKES' NEW SUPERB MUSKMELON.

This is without question the handsomest late melon, and the most showy of the green-fleshed sorts. The photograph above, made from an ordinary specimen taken from our patch, shows its handsome shape and fine netted surface better than a description. In a test with forty other green fleshed varieties, it surpassed them all in growth, thickness of flesh, and rich, delicious flavor. It attains a very large size, and its shipping and market qualities are superior to the well-known Montreal, Hackensack and other large market melons, while in quality and fine appearance they cannot even compare with the "Superb." Those who want the most profitable for late market or the best for the home garden, need seek no further. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

GIANT OF COLORADO. This melon was discovered six years ago by one of our representatives while travelling in Colorado; the grower claimed that he had frequently grown them to weigh fifty pounds and over. Owing to their delicious flavor and quality, they were much sought after in Denver and other home markets. We have found these claims fully substantiated, and can honestly recommend them as the largest of all muskmelons. Several customers the past three seasons report weights of thirty pounds and upwards, and many first premiums at State and County fairs. They grow uniformly as large as good-sized watermelons. The flesh is green, melting and sugary. As an exhibition and large market variety they are unequalled. If you want to astonish everybody, include **Colorado Giant** in your order. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

IMPROVED MONTREAL GREEN NUTMEG. This variety is largely grown by market gardeners. The fruit is nearly round, slightly flattened at the ends, with a densely netted green skin. They grow to a very uniform size, and average fifteen to twenty pounds in weight. The flesh is remarkably thick, and of splendid flavor. Owing to its large and handsome appearance they sell rapidly in market at good prices. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.; 5 lbs. and over, 60c. per lb.

Hackensack, or Turk's Cap. A variety of the *Green Citron*; deeply netted, very large and productive, of excellent flavor; profitable and fine for market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; 5 lbs. and over, by express, 55c. per lb.

BANANA CANTALOUPE. This odd-shaped and striking variety originated in South Jersey, and is pronounced by many the most profitable they have ever grown. They are eagerly sought at high prices in Philadelphia and New York markets, owing to their oddity of appearance and rich flavor. They grow from two to two and a quarter feet long, with deep salmon colored flesh, of good quality; by many preferred to any other variety, and a great curiosity. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.10.

BAY VIEW. An early, vigorous growing and productive variety; large size, weighing twelve to fifteen pounds, and delicious flavor; desirable for market gardeners. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; 5 lbs., \$2.25.

OTHER STANDARD MUSKMELONS.

The following standard varieties are so well known as not to require any detailed description. We offer them at the uniform price of 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.: **Prolific Netted Nutmeg, Surprise, Improved Orange Christiana, Perfection, Japan Coral Fleshed, White Japan, Casaba or Persian.**

JERSEY BELLE THE EARLIEST.

"Jersey Belle ripened two weeks ahead of all others; my whole patch was gathered within five days, every melon perfect."—CHAS. F. ABBOTT, May's Landing, N. J.

PRINCESS THE MOST DELICIOUS.

"Princess Melon is the most delicious and sweetest of all. Fully up to representation."—TROS. WHITEHEAD, Beltsville, Md.

MELONS.—Watermelon.

There ain't no better thing in the vegetable line,

And they don't need much tendin', as every farmer knows;

And when they're ripe and ready for to pluck from the vine,
I want to say to you, THEY'RE THE BEST FRUIT THAT GROWS!

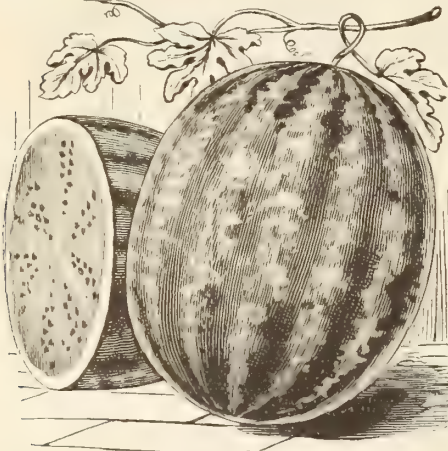
Oh, I joy in my heart to jest hear that rippin' sound

When you split one down the back and jolt the halves in two,

And the friends you love the best is gathered all around—

And you says unto your sweetheart, "Oh, here's the core fer you."
 —JAMES WHITCOMB RILEY.

One ounce will plant about fifty hills, and four pounds will plant one acre.



STOKES' EXTRA EARLY MELON—EARLIEST OF ALL.

STOKES' EXTRA EARLY. This distinct melon, first introduced by us, is, without doubt, the *earliest of all*. Our illustration shows their shape, which is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in *delicious, sugary flavor is unsurpassed* by any other melon. Their average weight is about fifteen pounds. The seed is very small, being only about half the size of other melon seeds. They are also much more *productive* than the larger sorts. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

EARLY CALIFORNIA, or IMPROVED ODELLA. This is a popular market variety in New Jersey, two weeks earlier than the Old Mountain Sweet, round to oval in shape, color light green, good quality and an *excellent shipper*; rind very tough and grows to large size. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

DARK ICING. This variety combines all the good qualities essential to perfection. They grow to medium size, averaging in weight from twenty-five to thirty pounds, although we have known them to reach fifty pounds. The skin is dark green and firm. The flesh is a deep rich scarlet, of *delicious flavor*; it is one of the best shipping and carrying melons grown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.; 5 lbs. and over, by express or freight, 50c. per lb.

KOLB GEM. This variety is more largely grown by Southern shippers than any other. It originated with R. F. Kolb, one of the largest melon growers of Alabama, and is a hybrid of Sealy Bark and Rattlesnake. The rind, though quite thin, is very tough, standing handling and shipment long distances without breakage. The flesh is of bright red and of fair quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs. and over, 45c. per lb.

SCALY BARK. The skin is dark green, quite smooth, and has a peculiar scaly appearance. It is an unusually productive sort, the average weight of the melons being forty to fifty pounds, although it is not unusual for specimens to reach seventy pounds. The flesh is light crimson, *solid, tender and of exquisite flavor*; remains in choice eating condition long after being pulled. The rind, though quite thin, is remarkably tough. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

GRAY MONARCH, or LONG WHITE ICING. This distinct melon is, without doubt, one of the *largest of all*, frequently attaining a weight of seventy pounds and over. The skin is a mottled gray color, shape long, flesh bright crimson, and of sweet delicious flavor. It is also a fine shipper, carrying well long distances and bringing very high prices. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; 5 lbs., \$3.00.

CUBAN QUEEN. Skin beautifully striped, dark and light green. The flesh is *bright red, remarkably solid, luscious, crisp and sugary, very solid and the best of keepers*; excellent to ship to distant markets. They have been grown to weigh over one hundred pounds. *are enormously productive*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs., \$2.50.

HUNGARIAN HONEY. A new variety brought from Hungary a few years since. They grow round as a cannon ball, very uniform in size and weight, running from ten to twelve pounds. The outside skin is dark green, rind very thin, fleshed and unusually sweet and luscious. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

MAMMOTH IRON-CLAD. This melon grows to a very large *uniform size*, frequently weighing eighty pounds and over, and resembles in its markings the Cuban Queen. In *shape and seed*, however, it is *quite distinct*, being deeper and fuller at both ends, with seed of drab-white color. They are enormous yielders, flesh red, *solid and of excellent flavor*. The rind is extremely tough and hard—hence their name, **Iron-Clad**—rendering them valuable for shipping. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs., \$2.50.

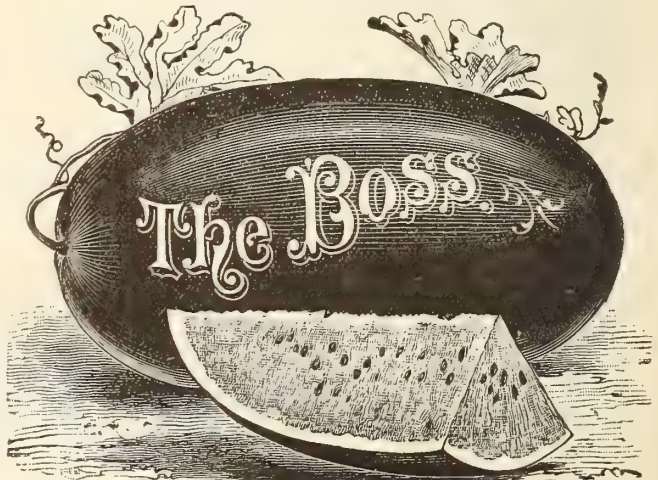
KENTUCKY WONDER. This is a new red-seeded variety. We have never known a red-seeded watermelon that was not a good one, this being the best we have ever grown. In shape it is oblong; skin dark green, marbled in stripes of light green; flesh a beautiful scarlet color, crisp, tender, rich and sugary flavor, always firm and never mealy. Attains an average weight of forty to sixty pounds. A real good, old-fashioned Kentucky melon, that has few equals in quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

SEMINOLE. This new watermelon comes from Florida. We find it one of the best of melons in quality, form long, growing to an extra large size, outside skin gray, slightly tinged with light green, extra early and very productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs., \$2.50.

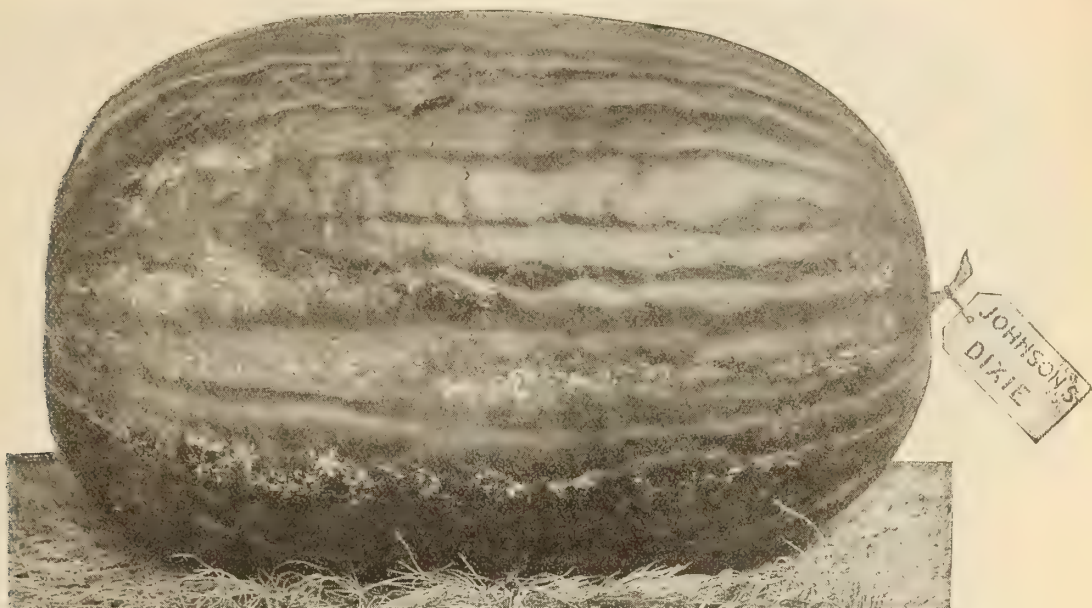
LIGHT ICING, or ICE RIND. Of round form, skin light color, thin rind and good quality, nearly or quite equal to the dark-skinned Sweet Icing, which it resembles in shape. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.; 5 lbs., \$2.75.

THE DELAWARE. A fine new variety, originated by Mr. Paynter Frame, of Delaware, the originator of the Iron-Clad, being a cross of that variety with Mountain Sweet. The shape is oblong, and skin striped light and dark green. It grows larger and ripens earlier than the Iron-Clad, an excellent keeper and fine shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.; 5 lbs., \$3.75.

WHITE GEM. A new round, white-skinned variety, somewhat resembling the well-known Russian Volga, but said to have come originally from China. It is extremely hardy and productive, and thrives well in our climate; flesh pink and of delicious flavor; rind thin, but very tough and hard. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



THE BOSS. A distinct variety introduced a few years since. Shape as shown in accompanying illustration. Skin is black green in color. Flesh deeply scarlet, unusually sugary, crystalline and melting. The rind is very thin and tough. It ripens early, and is enormously productive. This is considered by many the very best table melon for family use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.; 5 lbs. and over, 65c. per lb.



Johnson's Dixie Watermelon.

The Great New Watermelon, Surpassing the Famous Kolb Gem as a Shipper, and Without a Peer in Fine Quality and Productiveness.

NOTHING we have ever introduced has met with such large sale, and brought us so many strong recommendations from growers in all sections of the country as this wonderful melon. **Johnson's Dixie** is the only watermelon now in demand at good prices and at a handsome profit to growers on New York, Philadelphia and Boston markets in the selling season. It is a cross between the **Kolb Gem** and **Old Fashioned Mountain Sweet**, made by one of the largest truck and melon growers of North Carolina. It surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet in fine eating quality and flavor, and is a week to **ten days earlier** than either. It has a remarkably thin rind, almost impenetrable, which preserves it for a great length of time, keeping three times as long as either of the two varieties named, before showing decay. Its great productiveness is shown from the fact that the past three seasons it matured from **six to eight large melons** to the vine, while Kolb Gem rarely produced more than two or three. The vines grow strong and rapidly, with more laterals than any other melon, and have the singular and very valuable quality of **rooting from every joint**, adding greatly to the productiveness and life of the vines. The meat is more scarlet, finer and of much better quality. These strong claims have been more than verified in past seasons by ourselves and hundreds of other growers.

Johnson's Dixie Produces the Largest Melon Ever Grown in America.

133 lbs.

reported weights of fifty pounds and over. The largest and heaviest melon grown, and for which our first prize was awarded, weighed **133 pounds**, and measured **37 inches in length**, with a diameter of **18 inches**. This wonderful melon was grown by Samuel Barnes, Esq., of Wills Point, Texas.

When we first introduced this new melon to the public in the spring of 1890, we paid what we believe to be the highest price per pound ever given for a crop of melon seed. The stock seed from which our present supply was grown, was taken from the very choicest specimens in a field of thirty acres. The great popularity of **Johnson's Dixie** is due entirely to the great care and attention given to our selected strain, which is the best that care and money could produce. **Buy direct from the introducers and you will be sure to get the genuine.**

Prices: Pkt, 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c., post-paid; 5 lbs. and over, 65c. per lb., by express.

Extra Selected Stock Seed, saved from picked melons, the largest and finest in our patch. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

AARON PAUL, the well-known New Jersey melon grower says: "After a three years' trial I find Johnson's Dixie the best, hardiest and most productive melon I have ever grown. My fields of this variety were a sight to behold, averaging seven to eight fine, large melons to the vine, while its eating quality is unequalled by any other variety ever grown or known to me. Its fine appearance and shipping qualities are so much superior to Kolb Gem as to place it beyond comparison. Its extreme hardiness to both cold and wet weather is simply wonderful, and I doubt if its equal exists."



AARON PAUL,
THE VETERAN MELON GROWER.

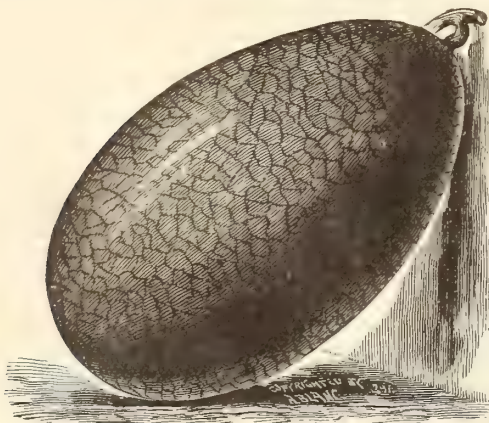


JUMBO WATERMELON.

JUMBO. In shape this new melon is almost round, as shown in illustration. The skin is green, with faint stripes of lighter green. In form and habit of resting on the blossom end is like the **Pride of Georgia**, but is free from the ribs of that variety. As indicated by the name, they grow to a fine large size with a very tough rind, making it a valuable shipping variety. Flesh red and very sweet. It also ripens quite early, and is rapidly becoming a most popular sort for market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.; 5 lbs. and over, 75c. per lb.

GREEN AND GOLD. This is a fine, new, large melon, with flesh of beautiful orange color, of delicious quality. We have tested this variety for four seasons, and can recommend it as a fine family melon, as well as a curiosity. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs., \$2.50.

GIRARDEAU'S FLORIDA FAVORITE. This variety is a hybrid of the Rattlesnake and Pierson, the latter being a celebrated home variety in Florida. It is pronounced one of the finest table melons extant; oblong in shape, growing to a very large size; rind dark, with light green stripes; flesh light crimson, very crisp and deliciously sweet. It ripens about ten days earlier than Kolb Gem or Iron-Clad. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; 5 lbs., \$3.00.



RED-SEEDED VAUCLUSE.

NEW RED-SEEDED VAUCLUSE. This is not only the best foreign watermelon we have ever grown, but one of the most promising of the many sorts lately introduced. It is of French origin, very early, of large size, elongated egg-shaped. The flesh is a bright crimson, very sweet, not in the least stringy, and edible to within one-eighth of an inch of the skin; the seeds are also bright red. The rind, though so thin, is very tough, and the shell glossy, making it an excellent shipper; dark green color, beautifully threaded with a still darker green. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

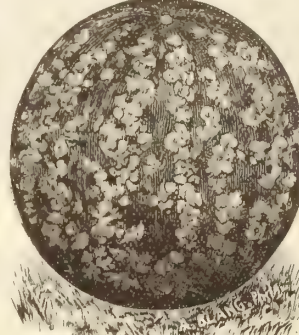
JOHNSON'S CHRISTMAS. This melon, introduced by us a few years since, has already become a most popular melon for shipping long distances. Hundreds of customers write us every year that they keep until Christmas in perfect condition. Their valuable keeping and shipping qualities are due to a peculiar, hard, tenacious coating or outside enameled of the skin, which also gives them an exceedingly handsome and fresh appearance, even after being kept or allowed to remain on the vines for months after ripening. The flesh is of a beautiful rich scarlet, very solid and of delicious sugary flavor. Its uniform size, and handsome, fresh appearance at all times make it a most salable variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs. and over, 50c. per lb.

PRIDE OF GEORGIA. Originated in Monroe County, Georgia. The rind is a dark green, shape nearly oval, and ridged like an orange; flesh rich scarlet, very sweet and crisp; attains a large size and a good shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; 5 lbs. and over, 60c. per lb.

GEORGIA GYPSY, or RATTLESNAKE. A superior early market variety, large, oblong; skin green, mottled and striped. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.

IMPROVED MOUNTAIN SWEET. A general favorite for market: early, large, flesh red, solid, rich and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs., \$2.25.

ICE CREAM, or PEEKLESS. True, white seed, of medium size, early, green skin, very thin rind, flesh solid, scarlet, crisp and of a delicious flavor; an excellent variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs., \$2.50.



COLORADO PRESERVING MELON.

COLORADO PRESERVING. An improvement on the green preserving melon; enormously productive and of better quality, making very clear, transparent preserves of fine flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs., \$2.50.

Green Citron. For preserving; small, round; flesh white and solid. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.; 5 lbs., \$2.50.

MANGO MELON, or VEGETABLE ORANGE. This new fruit belongs to the melon family, but has a flavor entirely peculiar to itself. When it first ripens it is quite hard, but soon becomes mellow and sweet, and has a rich flavor, somewhat resembling the peach. When ripe the fruit falls from the vine. The flesh is very firm, with a small cavity in the centre, and easily peeled. For sweet pickles, pies or preserving they are superb. A few pieces of sliced lemon add to their flavor. They are easily cultivated, wonderfully productive, and can be used in every way in which you would use a peach, except that they are not usually liked raw, although some consider them excellent simply sliced with a little sugar on. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Other Standard Watermelons.

The following well-known varieties are each 5c. per pkt., 10c. per oz., 25c. per $\frac{1}{4}$ lb., 75c. per lb.:

Phinney's Early, Vick's Early, Mountain Sweet, Improved Black Spanish, Improved Mountain Sprout, Jersey Blue, Ruby Gold, Oemler's Triumph, Volga.

MARTYNIA.

Martynia Proboscidea. For pickling. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$2.75.

MUSTARD.

One ounce will sow about seventy-five feet of drill.

NEW CHINESE. A giant curled variety; leaves twice the size of the ordinary White Mustard, frequently fourteen to fifteen inches long, with blade of yellowish-green color, netted and crimped like that of a Savoy cabbage; stems more succulent than any other mustard; flavor pleasantly sweet and pungent. In six weeks from the time of sowing the leaves may commence to be gathered, and the plants will continue to yield until frost sets in. The leaves are eaten boiled like spinach. They are very little diminished in substance by cooking, and have a very agreeable flavor. In some countries it forms one of the most highly esteemed of all green vegetables. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

White London. Best for salads. Oz., 5c.; lb., 45c.

Black, or Brown. More pungent than the white; for salad and culinary use. Oz., 5c.; $\frac{1}{4}$ lb., 20c.; lb., 45c.

NASTURTIUM—Indian Grass.

Tall Yellow. The best for pickling or salads. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Dwarf Mixed. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

OUR PEDIGREE ONION SEED

No one can appreciate the value of **reliable seeds** better than those who have been **once disappointed**. Too much care cannot be exercised in selecting your supply of onion seed. There is no vegetable in which the quality of the seed exerts a greater influence upon the crop. Our stock is all grown from **choice bulbs, selected carefully by hand, and is unsurpassed in this country**. During our whole business career as seedsmen, it has always been our aim to make **quality a first consideration**, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to **largely increase our facilities** for growing every year for several years past.



PHOTOGRAPH OF A GROWING CROP OF OUR PEDIGREE ONION SEED ON OUR PENNSYLVANIA FARM.

PHILADELPHIA GROWN SEED, or that raised in the southeastern part of Pennsylvania, is unquestionably **earlier** than New England seed, and still earlier compared with Western seed. This is an important feature, as the early market onions always bring the highest prices. The growth conclusively proves our claim, the Philadelphia seed making bulbs of better quality for keeping or immediate use, either as sets or full sized onions, long before seed from any other locality. Large, full sized onions can be grown from our seed the first season in any section of the United States, North or South, at no greater cost than carrots, parsnips, beets, ruta-bagas, or the onion sets themselves, while the net return per acre will be from two to five times as great. Five pounds of seed will sow an acre for this purpose. To grow small sets, fifty to sixty pounds to the acre is required.

There is no crop, perhaps, more sure than onions. Rich soil, with a good application of manure every year, and proper attention will almost invariably insure a good crop. Five hundred bushels per acre is a medium crop, while from eight hundred to one thousand bushels are not unusual under the best cultivation. Yellow onions take the lead in most sections, as they are more hardy, grow larger, and bear handling better. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time.

The onion not only contains considerable nutriment and has valuable medicinal properties, but is most useful in counteracting the bad effects of sedentary life. The disagreeable odor it imparts to the breath may be avoided in a great measure by thorough cooking, or by eating a few leaves of parsley.

Full information for Culture, Storage and Marketing of both onions and onion sets, see our book of **\$100 Prize Essays**. This book is sent by mail, postage paid, on receipt of price, 30 cents, or may be had free as a premium with all orders to the amount of **\$2.00 and over**.

A BOOK YOU SHOULD HAVE.

The New Onion Culture, or how to grow 2000 bushels to the acre, by T. Greiner, should also be read by all onion growers. Price, 50 cents, post-paid, or may be had free with orders of **\$3.00 and over**. (See Book Premiums, page 25.)

In comparing our prices with others, please remember that **WE PAY THE POSTAGE**, and if the seed is ordered by freight or express, at the expense of the purchaser, 8c. **PER POUND** may be deducted.

Market gardeners and onion growers who use large quantities of onion seed will please write for special prices, stating quantity required.



EXTRA LARGE RED WETHERSFIELD.

PHILA. YELLOW DUTCH.

PHILA. EXTRA EARLY RED.

EXTRA LARGE RED WETHERSFIELD. (See illustration.) Onion growers who prefer the red varieties will find this a magnificent strain, far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep purplish red, flesh purplish white, much finer grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00, post-paid; 5 lbs., \$9.25; 10 lbs. and over, \$1.75 per lb., by express or freight.

PHILADELPHIA YELLOW DUTCH, or STRASBURG. The great set onion—our pedigree seed. (See illustration.) The most popular variety for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full size onions are somewhat flattened, flesh pure white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25, post-paid; 5 lb. lots, \$2.10 per lb.; 10 lbs. and over, \$2.00 per lb., by freight or express, not prepaid.

EXTRA EARLY RED GLOBE. A new variety, maturing as early as the Extra Early Flat Red, but of a beautiful globe shape; skin deep red, flesh mild and tender; an excellent keeper and very desirable for market use. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75; 5 lbs., \$12.50.

PHILADELPHIA YELLOW GLOBE DANVERS ONION—PEDIGREE SEED.

(See illustration.) This improved variety is pronounced by all market gardeners and onion growers, who now grow it in preference to all other onions the very best strain in cultivation. It is the earliest yellow variety, largest in size, uniformly perfect in shape and the largest cropper producing from seed 1,000 bushels to the acre with good cultivation. It is also the most reliable for bottoming and one of the best keepers of all American onions. In fact, it is everything that could be desired as a market or table onion. Prices of our Pedigree Tested seed crop of 1893, grown from selected hand-picked bulbs. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25; post-paid; 5 lb. lots, \$2.10 per lb.; 10 lbs. and over, \$2.00 per lb., by express or freight.

ROUND YELLOW DANVERS ONION.

Our superior stock of this celebrated variety is of fine shape; grows to good size, with thin yellow skin, white flesh, fine grained, mild flavor and excellent quality. It ripens early, frequently producing from six to eight hundred bushels to the acre; keeps well and is considered a splendid sort. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00, post-paid. By express or freight, in quantities of 10 lbs. and over, \$1.75 per lb.

GIANT PRIZETAKER. The great Spanish yellow onion. We offer American grown seed. See photograph under Specialties, page 16. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.25.

RHODE ISLAND CRACKER ONIONS. The earliest of all red and yellow onions. See photograph under Novelties, page 15.

IVORY BALL AND GOLDEN BALL. The great American keeping onions. See Specialties, page 16.

PHILADELPHIA EXTRA EARLY RED FLAT. (See illustration.) Ten days to two weeks earlier than the Large Red Wethersfield, of medium size and deep red color, an abundant producer, and of good form and flavor, keeping well. It is well adapted to the cold, mucky soils of the North and Northwest, where other varieties fail to produce full sized onions. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25, post-paid; 5 lbs., \$10.50; 10 lbs. and over, \$2.00 per lb.

SOUTHPORT LARGE RED GLOBE. This variety is very similar to the Southport Yellow Globe in shape and size, but ripens somewhat later, maturing a few days later than the Red Wethersfield. It is a splendid keeper and in quality is superior to most other red varieties. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.25; 5 lb. lots, \$2.10 per lb.

SOUTHPORT LARGE YELLOW GLOBE. This fine American variety is entirely distinct from the Danvers. It is a very handsome, round or globe shaped variety, of large size, with thin, yellow skin, white flesh, fine grained, mild, very firm and the best of keepers. It ripens early and sells readily at the highest prices in our markets. It is a most reliable variety for bottoming, and entirely free from scullions. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75, post-paid; 5 lb. lots and over, by express, \$2.50 per lb.



PHILADELPHIA YELLOW GLOBE DANVERS ONION.

True Extra

Early

Pearl

American

Grown

Seed.

American Extra Early Pearl

TRUE AMERICAN EXTRA EARLY PEARL ONION.

The largest and best of all the white varieties, with possibly the exception of our New White Prize-Winner, introduced last spring. It grows to enormous size and shape, as shown in our illustration above; of pearly white color, the outer skin having a very showy, waxy appearance; flesh of a pure, snow white, and flavor so mild that it can be eaten like an apple. It grows with wonderful rapidity, reaching the first season, from seed, the enormous size of six to seven inches diameter, frequently weighing three to four pounds each. A splendid keeper, succeeding everywhere, and requiring only thin soil. Our seed of this wonderful variety is Philadelphia grown, and should not be confounded with a cheap imported variety offered by some dealers as Silver White Etna, or Early Pearl, which is an entirely different onion, although somewhat resembling the American Extra Early Pearl in shape, being flatter, not as thick through, and it is vastly inferior in size and keeping qualities to the Genuine American Extra Early Pearl as grown and sold by us. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.35; lb., \$5.00.

MAMMOTH VICTORIA ONIONS—RED AND WHITE GLOBE.

A NEW race of onions introduced a few years since from Sardinia, where they are largely grown. They have attained enormous sizes and weights, of two to four pounds each, grown in the United States. They are of handsome globe shape, as shown in the illustration, and are worthy of a trial by all gardeners who are interested in the growing of foreign onions for either market or exhibition purposes. As the imported seed of these varieties germinates poorly, we offer choice American grown seed from selected bulbs.

RED VICTORIA ONION. The skin is deep blood red, flesh white and of sweet, mild flavor. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

WHITE VICTORIA ONION. Skin and flesh pure white, of sweet, mild flavor and a very handsome, showy onion. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

THE MADRID GIANT ONION. This new variety, first introduced into America five years ago, is the largest and most popular onion grown around Madrid, the Spanish capital. It possesses the large size, mild flavor, excellent keeping, and all other good qualities of the celebrated Prize-taker, but differs from that variety in its handsome, red skin, which, in contrast with its pure white, fine grained flesh, attracts marked attention in market. Madrid Giant grows quicker and can be grown at least one-third larger than any other red onion. The seed we offer this season is American grown, which will germinate better than the imported Spanish seed. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



TRUE BERMUDA ONION SEED.

Our sales of this valuable early variety, the true stock of which is often difficult to obtain, have been increasing rapidly each year. We import it in very large quantities, and are consequently enabled to make our prices extremely low.

	Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
Bermuda Onion Seed, Pale Red,	10	20	60	\$2.25
" " " Pure White,	10	20	65	2.40

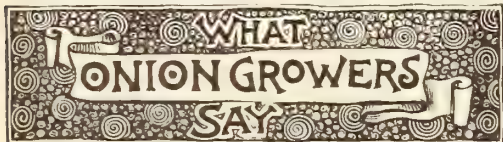
AMERICAN ONIONS—Continued.

PHILADELPHIA WHITE SILVER SKIN, or PORTUGAL. A good variety for family use; skin and flesh pure white, mild flavor and flat shape. The best white onion to grow largely for sets. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75, post-paid; 5 lbs. and over, \$3.50 per lb.

WHITE GLOBE. A large, firm, globe shaped variety, with white skin; fine flesh; handsome in shape and a good keeper. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

NEW WHITE BUNCH ONION. The best onion for selling in bunches or using in a green state. It is a very early, vigorous grower and produces large, showy, white onions of the finest quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.65; 5 lbs. and over, \$2.50 per lb.

HARD ROUND SILVER SKIN FOR PICKLING. The best onion for pickling, producing uniform small, round handsome onions, with pure white skin neverturning green from exposure. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.25; 5 lbs. and over, \$2.00 per lb.



Our Pedigree Onion Seed.

H. A. Davis, Sunderland, Mass., Nov. 4, 1893, writes: "I purchased of you last spring four pounds of your Pedigree Onion seed, from the yield of which I sold 744 bushels of onions at an average of 50 cents per bushel. I also purchased, at the same time in the spring, from a prominent Eastern seed house, the same amount of onion seed and at the same price as those I bought from you, and harvested just 311 $\frac{1}{4}$ bushels that sold at an average of 38 cents per bushel. Both these lots were sown and fertilized and tended alike. Moral—Use Johnson & Stokes' seed."

Philadelphia Yellow Globe Danvers.

"In twenty years' experience your Philadelphia Yellow Globe Danvers has proven the best and handsomest onion I have ever grown. It takes first prize at all our exhibitions." —HENRY HOSKINS, Binghamton, N. Y.

Extra Large Red Wethersfield.

"Extra Large Red Wethersfield Onions from your seed awarded first prize at our State and county fairs in a field of thirteen competitors." —M. L. HOUSTON, Shawneetown, Ill.

Mammoth Prizetaker.

"Mammoth Prizetaker Onion produced the finest crop of onions ever grown in this part of the State. They took first premium at New Jersey Interstate Fair." —PERKINS Bros., Kingston, N. J.

American Extra Early Pearl.

"American Extra Early Pearl Onion, the largest and best ever seen here. Many weighed over six pounds." —J. L. TRAVIS, Cresswell, N. C.

New Onion, White Prize-Winner.

(See colored illustration on back of this book and page 15.) This new onion was offered last season for the first time, and is pronounced by all who have grown it the most magnificent onion in cultivation. In shape and size it is the exact counterpart of the Mammoth Prizetaker, differing only in its pure white skin. Pkt., 15c; 2 pkts., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

ITALIAN ONIONS.

The following varieties we have imported from the most reliable growers of Italy. They have all been tested and have proven a perfect success in every section of this country, and are largely grown for market, being milder in flavor than American varieties, and well adapted for early market and home garden use. They are of wonderful quick growth, forming fine large onions in a short time.

NEW WHITE ADRIATIC BARILETTA. The earliest, neatest and smallest onion grown; valuable for pickling or table use. Its great rapidity of growth will astonish everyone who tries it. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

MAMMOTH POMPEI, or COPPER KING. Grows to enormous size; skin of a dark red color, flesh white and unusually mild in flavor. Fine exhibition and market variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

GIANT ROCCA. Large, of globular shape, reddish brown skin, and delicate flavor, sometimes weighing three pounds and over. Valuable and remarkably handsome. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

WHITE QUEEN. A rapid grower, white skin, of mild flavor, early and remarkable for its keeping qualities. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.40.

GIANT WHITE ITALIAN TRIPOLI. (El Paso, or Large Mexican.) A large, white, flat onion, of mild flavor and beautiful form. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.



MAMMOTH SILVER KING ONION.

MAMMOTH SILVER KING. This mammoth variety is of attractive shape, with silvery white skin and flesh, of a most agreeable mild flavor. It matures a little later than our Extra Early Pearl, is of flatter shape, and frequently measures twenty inches in circumference, and weighs three to three and one-half pounds. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$3.00.

Philadelphia Onion Sets.

"PHILADELPHIA GROWN onion sets" are everywhere recognized as the best. Experienced gardeners insist upon having them, and enormous quantities are supplied annually to dealers and growers in all parts of the country. We grow each season large quantities of white, yellow and red onion sets. These are grown from our Philadelphia seed, which being earlier, makes sets of better quality than that grown in any other section.

We shall be glad to quote special prices by the bushel or barrel (3 bushels), at any time, when requested.



PHILADELPHIA YELLOW DUTCH and DANVERS ONION SETS, each, per qt., 25c; qt., post-paid, 35c.

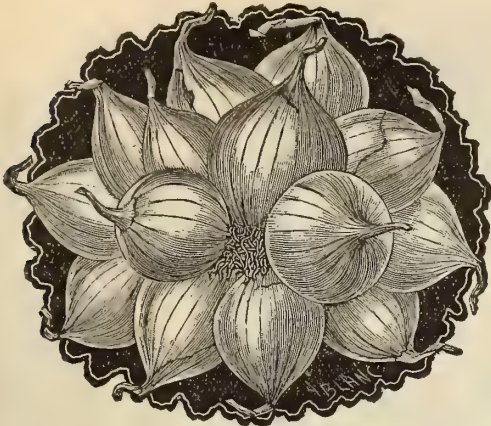
PHILADELPHIA EXTRA EARLY RED ONION SETS, per qt., 30c; qt., post-paid, 40c.

WHITE ONION SETS, qt., 35c; qt., post-paid, 45c.

POTATO ONION SETS, qt., 30c; qt., post-paid, 40c.

TOP ONION SETS, per qt., 30c; qt., post-paid, 40c.

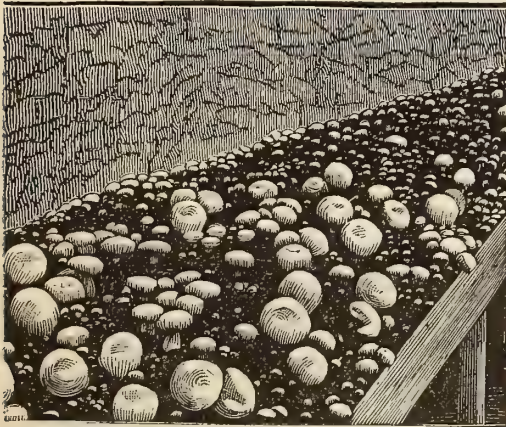
WE ARE HEADQUARTERS FOR ONION SETS, and sell cheaper by the peck, bushel or barrel. We will quote special prices on application. We grow sets of the foreign onions for fall shipments only, as the sets are hard to keep over winter and should be planted in the fall.



NEW WHITE MULTIPLIER ONION SETS. These are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted, of excellent quality and size for bunching green or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. **Their keeping qualities are remarkable,** having kept perfectly sound for a year, but their most important quality is **extreme earliness,** being ready for market from **three to four weeks ahead of other onion sets.** Pint, 25c; qt., 45c., post-paid; qt., 35c.; 4 qts., \$1.25, by express.

MUSHROOMS.

MUSHROOMS are much more easily cultivated than is generally supposed. They can be successfully and profitably grown in a cellar, under greenhouse benches, in sheds or in beds in open air, prepared in the same manner as hot-beds. Full directions for culture are furnished with each order.



Our celebrated **English Milltrack Mushroom Spawn** (made by the best maker in England, especially for our trade) has gained an enviable reputation among critical growers for its uniform good quality, and can be thoroughly relied on to produce a good crop of the best mushrooms. Price, in bricks of one and one-fourth pounds each, by mail, post-paid, each, 35c.; by express, 10 lbs., \$1.25; 25 lbs., \$2.75; 50 lbs. and over, 10c. per lb.

MARKET GARDENERS AND INSTITUTIONS

Wanting to purchase seeds in large quantities will please write for special prices. Although we have made prices very low in this Catalogue, yet, where several pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. Address,

JOHNSON & STOKES, SEED GROWERS.

WAREHOUSES: { 217 & 219 MARKET STREET.
206 & 208 CHURCH STREET.

OKRA—Gumbo.

One ounce will plant one hundred hills.

IMPROVED DWARF PROLIFIC, or DENSITY. A distinct variety, growing about fourteen inches in height. Grown in competition with the ordinary dwarf it produced twice the number of pods, which are very smooth and beautiful. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



PERKINS' NEW MAMMOTH PODED.

within three inches of the ground, and the whole plant is covered with them to the height of a man's head, five to six feet. The pods are an intense green color, of unusual length, nine to ten inches, very slim, and do not get hard, as is the case with other okras. Mr. Perkins has always realized \$3.00 to \$4.00 per basket for his okras in Philadelphia markets. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs. and over, 80c. per lb.

WHITE VELVET.

This distinct and beautiful new okra was originated in Georgia. The pods are much larger than those of any other sort, perfectly smooth, never prickly, round, not ridged or square as in other okras. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

PERKINS' MAMMOTH LONG PODED.

This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk

PARSLEY.

One ounce will sow one hundred and forty feet of drill.

MARKET GARDENERS' BEST. (See Specialties, page 18.) Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.



DWARF EXTRA CURLED PARSLEY.

EMERALD, or DWARF EXTRA CURLED. Leaves tender, beautifully crimped; handsome bright green color; very ornamental. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

EXTRA DOUBLE CURLED. A curled variety for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

CHAMPION MOSS CURLED. Leaves crimped and curled like a bed of moss, giving a most beautiful decorative appearance. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

NEW FERN-LEAVED. Very curly, of fine form and color; used for garnishing as well as for a decorative plant. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Plain or Single. Dark green with plain leaves; very hardy. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

Hamburg, or Turnip-Rooted. A very popular variety in Europe. Fine, fleshy, vegetable roots, which are used in soups, etc. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

PHILADELPHIA, PA.



SUTTON'S SATISFACTION PEA.

This new variety is the most tender and delicious in flavor of any pea grown. It was introduced by us four years ago, and surpasses in popularity even the famous Telephone and Stratagem varieties. The vine grows vigorously to a height of about two and one-half feet, requiring no brush or sticks to hold them up, being very stocky and robust and literally filled with good **showy pods**. They follow closely our best extra early sorts, being ready for the table **fifty-six days** from germination, and **continue in bearing longer** than other early sorts. The peas when green are unusually large, and of fine deep green color; when dry are very distinct in appearance, being much more wrinkled than any other sort. Pkt., 10c.; pint, 35c.; qt., 65c., post-paid. Qt., 50c.; 4 qts., \$1.75; peck, \$2.75; by express.

PEAS.

One quart will plant one hundred feet of drill. One and one-half to two bushels will plant one acre.

Please remember that our prices on all Peas by the pint and quart include prepayment of postage by us. If ordered to be sent by freight or express, 8c. per pint, or 15c. per quart may be deducted.

Earliest Varieties.

LARGE PACKETS OF ANY VARIETY, 10c. EACH.

Those marked with a (*) are wrinkled varieties.

CLEVELAND'S ALASKA. The earliest blue pea, very uniform in growth. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable extra early pea for market gardeners; height two feet. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.50.

Philadelphia Extra Early. (Carter's First Crop, or Early Kent.) An excellent variety, combining earliness and productiveness; height, two and one-half feet. Pint, 25c.; qt., 40c.; peck, \$1.10; bush., \$4.00.

BLUE BEAUTY. This sort, though not as early as our famous Johnson & Stokes' Extra Early, has many points of merit to recommend it. It is a blue, round pea. The pods are of medium size, are borne in great profusion, and are well filled. In quality and flavor it cannot be surpassed by any other early smooth sort. Vines very uniform in growth, rarely reaching more than eighteen inches. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.50.

***Laxton's Alpha.** The earliest blue wrinkled marrow; prolific, of fine flavor; pods large; height, two and one-half feet. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.25.

***AMERICAN WONDER.** This pea is a hybrid between the Champion of England and Little Gem, and possesses the merits of both. It is the **earliest wrinkled variety**, growing to the height of ten inches; very robust, producing large well-filled pods; of fine flavor. Pkt., 10c.; pint, 25c.; qt., 50c.; peck, \$1.85; bush., \$7.00.

***HORSFORD'S MARKET GARDEN.** This new wrinkled pea is the result of a cross between the Alpha and American Wonder. It requires no brushing, is extremely prolific, and bears its pods in pairs; height, two feet. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.75.

***McLEAN'S LITTLE GEM.** A first early green Wrinkled marrow, very prolific and of superior flavor; height, one foot. Pint, 25c.; qt., 45c.; peck, \$1.50; bush., \$5.50.

***PREMIUM GEM.** A fine, extra early variety; pods long and prolific; height, fifteen inches; fine for forcing. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.50; bush., \$5.50.

Improved Daniel O'Rourke. (Also called First and Best.) Seven to ten days later than Johnson & Stokes' Extra Early. Very prolific; height, three feet. Pint, 20c.; qt., 40c.; peck, \$1.10; bush., \$4.00.

***McLEAN'S ADVANCER.** A fine market variety, prolific, early, tender and of delicious flavor; height, two and one-half feet. Pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.50.

***BLISS' ABUNDANCE.** Plant about eighteen inches high; foliage large, thick, full and dark green. Pods three to three and one-half inches long, roundish and well filled, containing six to eight large wrinkled peas of excellent quality. Pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.75.

Tom Thumb. Very dwarf, not exceeding ten inches in the richest soil, productive and of excellent quality. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.50.

McLean's Blue Peter. (Blue Tom Thumb.) One of the earliest and hardest of the Tom Thumb varieties; dark green pods, large peas of excellent quality; a capital bearer; height, nine inches. Pint, 25c.; qt., 45c.; peck, \$1.50.

JOHNSON & STOKES' EXTRA EARLY

OUR SEED PEAS FROM 67 MILES FURTHER NORTH THAN ANY OTHER

THE EARLIEST EVENEST CROPPER THE HARDEST 5 POINTS FINEST FLAVORED MOST PRODUCTIVE

MOST PROFITABLE PEA FOR MARKET GARDENERS TO GROW

JOHNSON & STOKES' SELECTED Extra Early Market Garden Peas.

This **Extra Early Pea**, bearing our brand, is a careful selection of our own, and will be found **entirely distinct and superior** to any other. Over 5,000 bushels of these peas are now annually sold by us to the market gardeners of the United States. No other pea grown has such a record as this. For several years past we ourselves, and also many of the largest and most experienced truckers, have made comparative trials with other leading brands of Extra Early Peas, and in every case Johnson & Stokes' Extra Early was the first ready to pick by from three to five days. Our pea farm is situated in Ontario, Canada, sixty-seven miles farther north than any other, which largely contributes to their extreme earliness and fine dwarf habit. The pod is of a dark green color, of a full round shape, and of a strong texture, which especially fits it for shipping long distances. On average ground it will not exceed eighteen inches in height, and never more than two feet on the richest soil. It does not require stakes or brush of any kind for support. So evenly do the pods fill up that frequently the entire crop can be gathered

at one picking, never more than two pickings, which is a very valuable feature for the market gardener. All those requiring a pea to withstand the extreme cold weather should not fail to plant this sort. While thousands of market gardeners have pronounced this pea **unequalled in earliness, yield and regularity of growth**, and in every sense a perfect truckers' pea, yet, at the same time, we know of no other variety more popular or better adapted to private gardeners. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; 2 qts., 50c.; 4 qts., 75c.; peck, \$1.25; bush., \$4.50; 5 bush., \$21.00; 10 bush. and over, \$4.00 per bush., by freight.



JOHNSON & STOKES' · SECOND · EARLY · MARKET GARDEN PEAS.

This valuable variety is also the product of our Canadian farm and is the best and most productive Second Early Pea on the market. Its fine medium-sized, well-filled pods are ready for picking about a week after our Extra Early. The peas are larger and more wrinkled, when dry, than that variety, while in delicious flavor they are quite unsurpassed. It is also a prodigious bearer, having averaged 70 pods to the vine with ordinary field culture, and **will produce more pods to the acre** than any other pea in cultivation. The vines grow very uniformly to a height of two feet and ripen up so evenly that the whole crop can be cleared off in two pickings. Pint, 30c.; qt., 50c., post-paid; peck, \$1.50; bush., \$5.75.

JOHNSON & STOKES' SECOND EARLY MARKET GARDEN PEAS.



PHOTOGRAPH OF A SINGLE VINE OF SHROPSHIRE HERO.

***SHROPSHIRE HERO.** This grand new pea is pronounced, by all growers who have tested it, the most valuable acquisition in new peas made in recent years. It is a medium early large wrinkled pea; a robust grower two feet in height, producing its large pods in abundance, as shown in our photograph above. The pods are larger and better filled than Stratagem, Telephone, and others of its class, each containing nine to ten fine large peas, of exquisite flavor. It has been awarded a first-class certificate by the Royal Horticultural Society of England. We recommend this variety highly. Pkt., 10c.; pint, 30c.; qt., 55c., post-paid; qt., 40c.; 4 qts., \$1.50; peck, \$2.25; bush., \$8.50, by freight or express.

***THE HEROINE.** This variety was first introduced in this country three years since, and the strong claims made by the introducers have been verified by thousands of gardeners who have grown it. It is a medium early, green wrinkled pea. It grows very uniformly about two and a half feet high, bearing a profusion of large, long pointed pods, each containing from nine to ten fine large peas. The peas are of the choicest quality, very tender, and when cooked their rich sugary flavor is unsurpassed. Pkt., 10c.; pint, 30c.; qt., 55c.; post-paid; qt., 40c.; peck, \$2.50; bush., \$9.00.

***NOTT'S EXCELSIOR.** This new pea strongly resembles Premium Gem in appearance and quality. The vine, however, grows stronger and taller; height, eighteen inches. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, \$1.85; bush., \$7.00.

PEAS—Varieties for General Crop.

Large pkts., 10c. each, post-paid.

LONG ISLAND MAMMOTH. A favorite with Long Island market gardeners, where it was originally introduced. It has also become very popular with New Jersey truckers the past two seasons. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with peas of very good quality. Seed green; height, three and one-half feet. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, \$1.60; bush., \$6.00.

***BLISS' EVERBEARING.** This new pea is a cross between the Little Gem and the Champion of England; height, two feet; foliage large, firm and bright green; pods three to four inches long, each pod producing from six to eight large wrinkled peas; its habit of growth is of a peculiar branching character, forming as many as ten stalks from one root stalk. Pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.50.

NEW GIANT PODDED MARROW. This new pea has given satisfaction to all who have planted it the past three seasons. It grows about two feet high, and bears enormous handsome pods, seven to eight inches in length, filled with large, deliciously flavored, deep green peas from top to bottom, as shown in illustration. They require no support, owing to their fine dwarfstocky habit. We know of no pea from which so large a bulk of produce can be obtained from a given number of vines. It is much hardier than either the Telephone or Stratagem, and can be planted much earlier; it matures about ten days later than our famous Extra Early, making a valuable second early as well as our finest late pea. Your garden will not be complete without this grand pea. Pkt., 10c.; pint, 35c.; qt., 60c.; peck, \$2.25; bush., \$8.50.

***CARTER'S STRATAGEM.** A remarkably fine, new English variety, deserving the strongest praise. Height, two feet, literally covered with large, handsome pods, often over six inches in length, and containing from nine to ten very large, fine flavored peas. It is more sensitive to cold or wet weather than any other wrinkled sort, and on this account should not be sown until the ground is warm. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, \$1.75; bush., \$6.75.

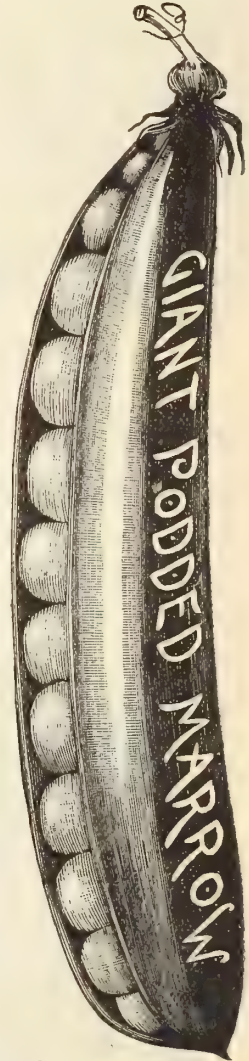
PRIDE OF THE MARKET. Another famous new pea from England. Although introduced there but a few years since, it has become one of the most popular of market peas. It bears very large pods, filled with fine large peas of superb quality. Height, one and one-half feet. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, \$1.85; bush., \$7.00.

***CARTER'S TELEPHONE.** A very robust and productive English wrinkled variety, with long pods, containing ten to twelve very large, fine flavored peas. It is an enormous cropper; height, four and one-half feet. Pkt., 10c.; pint, 30c.; qt., 50c.; peck, \$1.60; bush., \$6.00.

***CHAMPION OF ENGLAND.** A popular wrinkled variety of delicious flavor; a profuse bearer; height, five feet. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$1.00; bush., \$3.75.

***YORKSHIRE HERO.** A large wrinkled, luscious and prolific variety; pods long, round and closely filled; for late crop it has few equals; height, three feet. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.10; bush., \$4.00.

DWARF BLUE IMPERIAL. A favorite with market gardeners; a good bearer; fine flavor; height, two and one-half feet. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.75.



PEAS—Continued.

ROYAL DWARF WHITE MARROWFAT. A large, delicious marrow pea; an excellent cropper and a favorite with market gardeners; height, two feet. Pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.75.

French Canner. A variety imported a few years since from France, where it is largely grown for canning purposes. Pint, 20c.; qt., 40c.; peck, \$1.25; bush., \$4.75.

MELTING SUGAR. The best sugar pea, growing five feet in height, larger pods, more prolific and more delicious in quality than the old varieties of sugar peas. The pods are without string, and snap equal to a wax bean and are used cooked in the same way. Pkt., 10c.; pint, 40c.; qt., 75c.

Dwarf Sugar. Edible pods when young; fine flavor; used like snap beans, also as a shelled variety; height, two feet. Pkt., 10c.; pint, 30c.; qt., 50c.

Large White Marrowfat. A favorite late variety, with broad, well-filled pods; height, three feet. Qt., 30c.; post-paid; peck, 60c.; bush., \$2.00; 5 bush. and over, \$1.90 per bush.

Black-Eyed Marrowfat. This, as well as the White Marrowfat, is extensively grown as a field pea; hardy, productive, well-filled pods; height, three feet. Qt., 30c.; peck, 60c.; bush., \$2.00; 5 bush. and over, \$1.90 per bush.

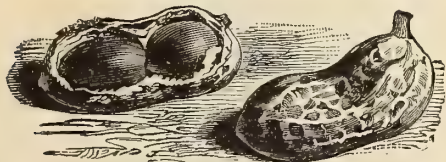
PEAS—Field Varieties.

Write for special prices on large quantities.

Southern Black-Eye Cow Peas. (Whippoorwill.) The best for soiling. Qt., 30c.; bush., \$2.00.

Canada Field Peas. Used as feed for pigeons, etc., and grown for a field crop. Qt., 30c.; bush., \$1.60; 5 bush. and over, \$1.50 per bush.

PEANUT, OR GROUND PEA.




GEORGIA IMPROVED GROUND PEA, or PEANUT. This variety is much superior to the ordinary peanut, yielding fewer imperfect pods and combining earliness, productiveness and size; yields on ordinary land over one hundred bushels to the acre. Full directions for planting, growing and harvesting printed on each packet. Large pkt., 15c.; pint, 30c.; qt., 50c., post-paid; peck, \$2.00.

PARSNIP.

One ounce will sow about two hundred feet of drill; five pounds will sow one acre.



 In comparing prices, please remember that we pay the postage on all seeds to be sent by mail. Customers ordering their seeds sent by freight or express are entitled to deduct 8c. per pound postage, which we have included in our prices.

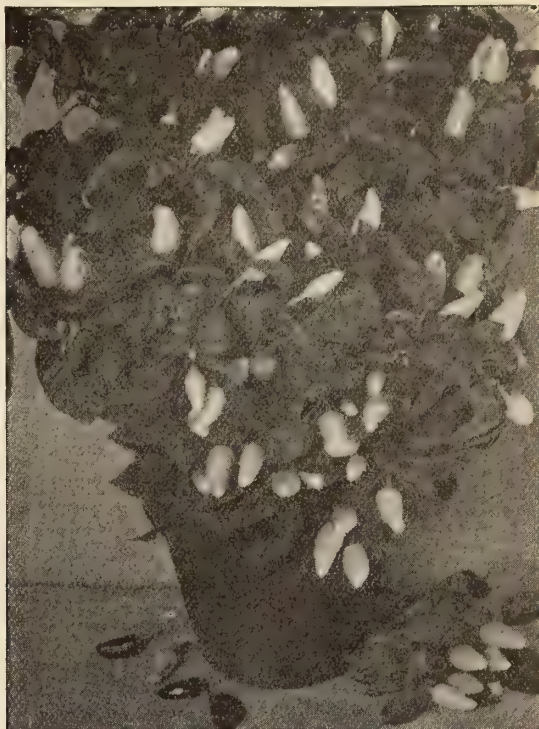
NEW IDEAL HOLLOW CROWN. A greatly improved and wonderfully fine strain of true Hollow Crown Parsnip. The roots do not grow as long as the old Hollow Crown variety, are of larger diameter, and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained, and of excellent quality. The best variety for the market or home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; 5 lbs., 60c. per lb.

"Ideal Hollow Crown is a great improvement on all other parsnips."—A. D. PINKERTON, Cherry Valley, Wash.

Large Sugar, or Long Smooth. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

PEPPERS.

BELL, or BULL NOSE. A large, early, well-known variety, of mild flavor, rind thick and fleshy; the best for pickling. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.



PHOTOGRAPH OF A SINGLE PLANT NEW CELESTIAL.

NEW CELESTIAL. (See illustration.) A pepper marvel from China. It is not only a most useful pepper, but one of the most beautiful plants in existence. The plant begins to set in peppers early in the season, and continues until frost, branching freely and bearing profusely, single plants producing three to four hundred perfect fruits. The peppers, up to the time they are full grown, are of delicate creamy yellow color, and then change to an intense vivid scarlet, making a plant loaded with fruit—part one color and part another—an object of most striking beauty and oddity, worthy of a place in the flower as well as the vegetable garden. The fruits are borne upright, two or three inches long, of clear, sharp flavor, and superior for any of the uses to which peppers can be put. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

NEW CARDINAL. This pepper grows to a length of about six inches, very thick and sweet-fleshed. It would be worthy of cultivation for its beauty alone, the color of the fruit appearing as though varnished in a bright cardinal. It can be used for all purposes to which peppers are put. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.75.

PROCOPP'S GIANT. This variety may be justly called the Goliath of all the pepper family. They grow uniformly to a very large size, measuring from eight to nine inches long, and three inches thick. They are of a brilliant scarlet color, flesh fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from eight to twelve perfect fruits. Pkt., 10c.; 3 pkts., 25c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

CORAL GEM BOUQUET. A wonderfully productive and handsome little pepper. The name given it was suggested by its handsome appearance, the whole plant resembling a "Bouquet of Coral," being literally covered with its small, bright, coral red fruits, which are quite hot and splendid seasoning. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.00.

RUBY KING. This fine pepper grows larger than the Spanish Monstrous, and of different shape. The fruits are five to six inches long by about three and one-half inches through, of a bright red. They are remarkably mild and pleasant in flavor, having no fiery taste. Single plants ripen from eight to ten fruits. The best red pepper. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.75.

PEPPERS—Continued.

BIRD'S EYE, or CREOLE. This is the smallest of all peppers, being about the size of a Marrowfat Pea. It is very hot and is used in the manufacture of the celebrated Tabasco Sauce. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00.

NEW DWARF EARLY RED SQUASH. A great improvement over the old Red Squash Pepper, being earlier and more prolific. It is of a dwarfier growth, while the fruit is rounder, smoother and milder; skin is also much thicker. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



NEW OX-HEART.

of conspicuous coral red color. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.25.

Golden Dawn. In shape and size resembles the Bell. Color, *bright yellow*; very productive and entirely exempt from any fiery flavor; can be eaten as readily as an apple. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.40.

LARGE SWEET SPANISH. Productive, mild flavor; fine for pickling. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

Long Red Cayenne. Three to four inches long, bright red color, very productive and hot. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Spanish Monstrous. A very large variety; very sweet; of good flavor. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Cheese. A large cheese shaped variety; used for pickling. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Cherry Red. A beautiful ornamental variety; fruit round, of a rich glossy color, and very hot; used for seasoning. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



MAMMOTH GOLDEN QUEEN. This is not only the best and most profitable mild pepper, but is one of the *largest, handsomest and most productive of all varieties*; originated on our own grounds, where we first found a single plant growing in a large field of Ruby King some years ago. It grows fully as large as Ruby King and to *twice the size of Golden Dawn*, of the most perfect shape and uniform large size. They grow from fifteen to twenty perfect fruits on a plant, from eight to ten inches long and four to five inches through. In color they are bright, waxy, golden yellow, and so mild in flavor they can be eaten like tomatoes, with pepper and vinegar. Our best market gardeners say they sell in market at *double the prices* of any other sorts, and are exceedingly valuable for stuffing as mangoes. This pepper, which we first introduced in 1887, has been recently offered as a novelty under the name of *Golden King*. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.



I VORY tubers! divide one—
Ivory all the way through!
Never a hollow inside one;
Never a core, black or blue!
Ah, you should taste them when roasted!
(Chestnuts are not half so good;)
And you would find that I've boasted
Less than I should.

If ever you eat one, let me beg
You to manage it just as you do an egg:
Take a pat of butter, a silver spoon,
And wrap your napkin round the shell;—
Have you seen a humming-bird probe the bell
Of a white-tipped morning-glory?
Well, that's the rest of the story!
—J. G. HOLLAND, "Bitter-Sweet."

WE make the selection of seed potatoes a specialty. Our stock is grown in the far North, by the most reliable growers, and for purity and superior quality cannot be excelled.

PLEASE NOTICE.—As prices are subject to fluctuation, we would request that our customers send in their orders as soon as possible after receiving our Manual. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk, but those residing North or West had better wait until the extreme freezing weather is over in March or early April, which will be in ample time for planting. To freeze potatoes, when packed in tight barrels, requires extremely cold weather. We ship each season several thousand barrels seed potatoes to nearly all sections, North, East and West, and rarely receive a complaint of freezing.

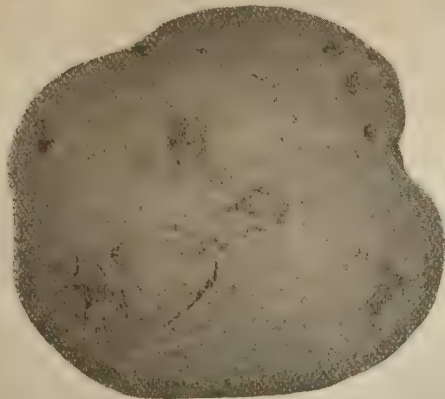
We pack our potatoes in **large round hoop barrels of three bushels each**, and make no charge for bags, barrels or cartage. We will quote special prices on five and ten barrels of one variety.

POTATOES BY MAIL. All potatoes except Crown Jewel, Freeman and Bliss' Triumph, will be sent by mail, postage prepaid, at 30c. per pound; 4 pounds for \$1.00, carefully labelled and packed.

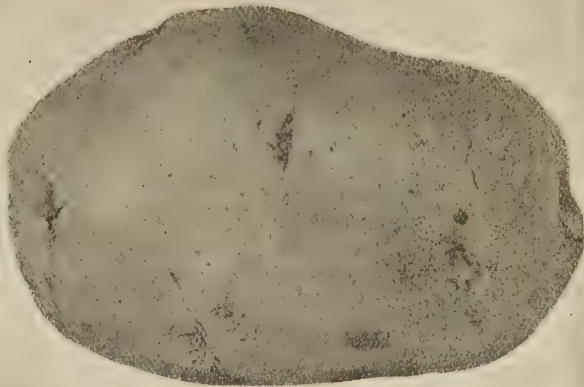
EARLY MAINE. This new variety was originated from a seed-ball of the Early Rose, which it resembles. They grow very smooth, and are remarkably early and productive. Raised on a large scale they yielded, in Massachusetts, as high as four hundred and ten bushels to the acre. Peck, 65c.; bush., \$2.00; bbl., \$4.25.

EARLY PURITAN. This new variety originated with Mr. E. L. Coy, of Washington County, N. Y., originator of the well-known and popular Early Beauty of Hebron. Mr. Coy says his Early Puritan far exceeds the Beauty of Hebron in productiveness and quality, which indeed is saying a great deal in its favor. The skin and flesh is very white; it cooks dry and mealy, even when half grown. It ripens with the Early Rose, greatly exceeds it in productiveness; the vines grow strong, fast and vigorous, standing up firm as a tree. Peck, 65c.; bush., \$2.00; bbl., \$4.25.

THE POLARIS. This potato originated in Northern Vermont. It is of long oval shape and creamy white in color, cooking as white as the finest flour; is hardy, prolific, handsome, early and a good keeper. With the originator it has yielded at the rate of six hundred bushels per acre. It has made for itself a wonderful record during the past few years wherever grown. Peck, 65c.; bush., \$2.00; bbl., \$4.25.



Bliss Triumph



Crown Jewel

THE CROWN JEWEL POTATO.

The Crown Jewel Still Leads as the Earliest and Best of all Extra Early Sorts.

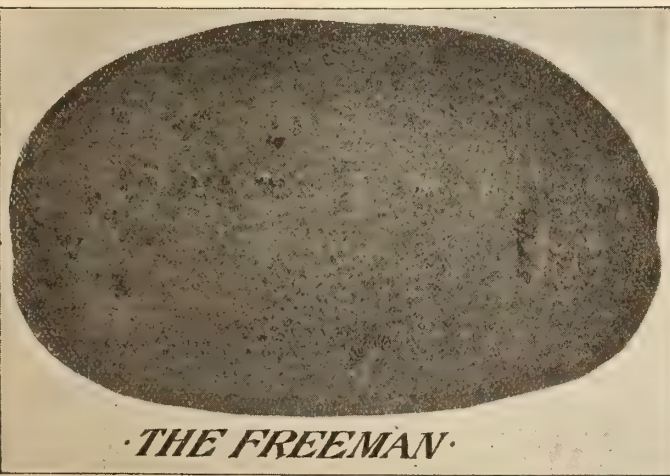
Every claim that we have made for it has been fully substantiated by hundreds of our largest growers and truckers, all of whom vote it as the very earliest and finest they have ever seen. It is a seedling of the Early Ohio, and it partakes of all the pure and unadulterated qualities of its excellent parent, without any admixture of baser blood. Its skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are equal to the best. Lb. 35c.; 3 lbs., \$1.00, post-paid; peck, 90c.; bush., \$2.50; bbl. of 3 bush., \$5.00; 10 bbls., \$4.75 per bbl.

BLISS' TRIUMPH, OR IMPROVED BERMUDA POTATO.

This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive, and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red. Its great beauty, productiveness and fine quality make it one of the best market varieties. Lb., 35c.; 3 lbs., \$1.00, post-paid; peck, 90c.; bush., \$2.50; bbl. of 3 bush., \$5.00; 10 bbls. and over, \$4.75 per bbl.

THE FREEMAN POTATO.

This new extra early variety was first introduced three years since under the broad claim of being the greatest potato introduced since the Early Rose. It has made a wonderful record, giving enormous yields in all sections where grown. Its handsome shape and beautiful russet skin are well depicted in the accompanying photograph, being fully equal to the old Snowflake in eating qualities. It will pay every market gardener to plant The Freeman. Our crop is grown from seed stock obtained from the introducer, and guaranteed to be true and genuine. Lb., 40c.; 3 lbs., \$1.00, post-paid; peck, \$1.00; bush., \$2.75; bbl., \$5.50; 10 bbls. and over, \$5.00 per bbl., by freight or express.



THE FREEMAN

Potato Eyes by Mail.

Owing to the heavy expense of sending potatoes long distances, by express, we have adopted a plan of sending out potato eyes by mail. When received they should be carefully removed from the boxes. If too soon to be planted out-doors, they should be placed with damp earth in a box where there is no danger of freezing. We send out none but the strongest and best eyes, which will produce as good crops as if the whole tubers were planted. Owing to the amount of labor attached to preparing and packing the eyes for safe shipment, we can only offer the eyes of the three new varieties described above. For \$1.00 we will send, all postage paid, 60 good strong eyes of either Crown Jewel, Bliss' Triumph, or Freeman; 100 eyes for \$1.50, or 200 for \$2.00. For \$3.00 we will send 100 eyes each, post-paid, of all three varieties, carefully labelled and packed in damp moss.

POTATOES—Continued.

LEE'S FAVORITE. This new potato is said to be a week earlier than Beauty of Hebron, resembling the Early Rose in shape, but with lighter skin. It has yielded over four hundred bushels to the acre, and its quality is all that can be desired. Peck, 65c.; bush., \$2.00; bbl., \$4.25.

PEARL OF SAVOY. This new variety is a cross of Clark's No. 1 and Extra Early Vermont. Quite as early as the Early Rose; very productive and vigorous in growth. The tubers are oblong, fair and of large size; the flesh is pearly white. Peck, 65c.; bush., \$2.00; bbl., \$4.25.

PRINCE EDWARD ISLAND EARLY ROSE. Our stock of this popular variety is imported direct from Prince Edward Island, where we find them in their original purity, most of the stock of Early Rose now grown in the States being mixed and inferior. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

RURAL NEW YORKER, No. 2. This, the best intermediate and main crop potato, originated on the experimental grounds of the *Rural New Yorker*, where more than five hundred varieties have been tested practically during the past twelve years. It is of most distinct appearance, and could readily be distinguished among a hundred others. It is very large and unusually smooth, with few and shallow eyes; in form it is oblong, inclining to round; the skin is white as is the flesh, which is of superior quality. In maturity the variety is intermediate, and its solidity and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. We highly recommend this valuable sort to all growers. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

NEW LATE PURITAN. Identical with the Early Puritan in color, appearance and quality, but later and more productive. Peck, 65c.; bush., \$2.00; bbl., \$4.25.

THE SUPERIOR, or COY'S SEEDLING, No. 88. A seedling of the White Star, which it strongly resembles. Skin and flesh very white, excellent quality. They ripen medium late. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

The following **STANDARD POTATOES** are so well-known that we do not give them a detailed description.

EARLY SUNRISE. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

CLARK'S No. 1. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

AMERICAN MAGNUM BONUM. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

STRAY BEAUTY. Peck, 65c.; bush., \$2.00; bbl., \$4.75.

EARLY OHIO. Peck, 65c.; bush., \$2.00; bbl., \$4.75.

EARLY BEAUTY OF HEBRON. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

EXTRA EARLY VERMONT. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

MAINE, or HOULTON EARLY ROSE. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

MAMMOTH PEARL. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

QUEEN OF THE VALLEY. Peck, 65c.; bush., \$1.75; bbl., \$4.25.

RURAL BLUSH. Peck, 65c.; bush., \$1.75; bbl., \$4.25.

EMPIRE STATE. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

MAMMOTH PROLIFIC. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

WHITE STAR. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

WHITE ELEPHANT, or LATE BEAUTY OF HEBRON. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

BELLE. Peck, 65c.; bush., \$1.75; bbl., \$4.25.

BURBANK'S SEEDLING. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

PEERLESS. Peck, 65c.; bush., \$1.75; bbl., \$4.00.

• • POTATO SEED • •

MIXED. From the best hybridizers. Pkt., 25c.; 5 pkts., \$1.00.

THE CONCAVE AND CURVED SEED POTATO KNIFE

Is thin and right shape to cut to one, two or three eye pieces fast and not crack the tuber or injure the germs. Endorsed by planters everywhere: thousands now in use.

Give this knife a fair trial and if you are not satisfied that it will pay you to cut your potatoes with it, return to us and we will refund your money. Illustrated circular, showing structure and full directions for cutting with each knife. Price, 30c. each, post-paid.



SEED SWEET POTATOES.

WE make a specialty of seed sweet potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition after long journeys of several hundred miles.



EXTRA EARLY CAROLINA—THE EARLIEST SWEET POTATO.

SWEET POTATO—EXTRA EARLY CAROLINA. This wonderful variety, originated in North Carolina, is far superior to all other varieties in earliness, productiveness and quality. Of a bright yellow color, shape nearly round, and shorter than the ordinary varieties. Will produce fine edible tubers in ten weeks from planting slips. Owing to its extreme earliness, it is better adapted to cultivation in the Northern States than any other variety. Does well on ordinary soil, and is the best of keepers. Peck, 75c.; bush., \$2.25; bbl., \$4.50. Price of plants, ready May 1st, 80c. per 100, by mail, post-paid; 60c. per 100, \$4.00 per 1,000 by express.

NEW JERSEY SWEET AND EARLY NANSEMOND. The justly celebrated Philadelphia Sweet Potatoes, universally grown for Philadelphia and New York markets. Peck, 75c.; bush., \$2.00; bbl., \$4.00.

Plants of the above, ready May 1st, 75c. per 100, by mail, post-paid; 50c. per 100; \$2.50 per 1000, by express.

PUMPKIN.

*O fruit loved of boyhood! the old days recalling,
When wood-grapes were purpling and brown nuts were falling,
What moistens the lip and what brightens the eye,
What calls back the past, like the rich Pumpkin Pie!*

—WHITTIER.

One pound will plant two hundred to two hundred and fifty hills; four to six pounds are required to plant one acre.

NEW WINTER LUXURY. Offered last season for the first time. (See photograph and description under Novelties, page 20.) Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.



LARGE CHEESE PUMPKIN.

LARGE CHEESE. One of the best for table use; very productive; skin orange; flesh yellow and sweet. Shape as shown in above cut. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

NEW JAPANESE PIE PUMPKIN. This remarkable variety, from Japan, has proven a valuable addition to our pie and cooking pumpkins. The flesh is very thick, of a rich salmon color, and nearly solid, the seed cavity being very small. Unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes, making pies as rich without eggs as other varieties do with. They ripen early, keep well and produce largely. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



Photograph of Prize Winning King of the Mammoths Pumpkin on exhibition at our Market Street Stores.

THE GREAT PRIZE PUMPKIN, KING OF THE MAMMOTHS.

This truly colossal variety first came to our attention in 1884, while visiting France, where we secured seed, and distributed it among our customers. The results have been astonishing. No other pumpkin ever introduced has reached such enormous weights, and been awarded as many prizes. In competition for our cash prizes in past seasons, hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each, the heaviest ever grown being two hundred and fifty pounds in 1889. The heaviest weights attained since, and for which our first cash prizes was awarded, are as follows: One hundred and ninety-six pounds, in 1890, grown by J. C. Confer, Johnstown, Pa.; one hundred and ninety-five pounds, in 1891, grown by H. S. Vetter, Stockholm, N. J.; one hundred and seventy-four and one-half pounds, in 1892, grown by Carl Lenth, Farmersburg, Iowa; one hundred and fifty-one pounds, in 1893, grown by Oscar E. King, Marengo, Wash.

With one of these pumpkins you would be sure of a first prize at your county fair. The flesh and skin of a bright golden yellow color, very fine grained, of excellent quality, and notwithstanding its enormous size, it is one of the very best pie or table pumpkins ever grown, and a splendid keeper.

PRICES FOR 1894: Seeds saved from specimens selected from our patch, weighing one hundred pounds and over: Pkt., 15c.; 4 pkts., 50c. Seeds saved from the general crop, all good, large, uniform specimens. Pkt., 10c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 90c.; lb., \$3.00.

OTHER FOREIGN PUMPKINS.

GRAY BOULOGNE. Grows to very large size, and although quite new, is already very popular. It is large, round and slightly flattened on the ends, skin of a grayish green color, growing to a weight of sixty to seventy-five pounds with ordinary culture, and with special culture will reach enormous size. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

MAMMOTH TOURS. A French variety, which grows to an immense size, often weighing over one hundred pounds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

MAMMOTH ETAMPES BRIGHT RED. This giant variety, also from France, is quite celebrated, and has been grown in this country to enormous size; it is of a bright glossy red color, a splendid variety to grow for exhibition purposes. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

TRUE POTIRON. Another wonderful variety from France, somewhat resembling our celebrated King of Mammoths in shape. They, however, do not grow so large and weigh so heavy, as their flesh is thin and watery. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**A SPECIAL COLLECTION OF
MAMMOTH PUMPKINS
FOR 25 CENTS.**

As an extra inducement for customers to give all our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Etampes, Gray Boulogne and Mammoth Tours, giving a magnificent collection of Mammoth pumpkins for 25 cents.



IMPROVED GREEN STRIPED CASHAW.

GREEN STRIPED, or IMPROVED CASHAW.

This is a great improvement on the well-known Yellow Cashaw Pumpkin in very many respects, and those who have thus far grown them ignore the Yellow Cashaw entirely. They are much more beautiful in appearance, being a distinct mottled green and white striped. The flesh is a rich yellow color, solid, fine grained, very thick, sweet and excellent for pies, and equally good for baking. They are very hardy, bugs seldom bother them, can be grown among the corn, and yield a much heavier crop than Yellow Cashaw, and better for stock feeding. **They are hard to beat. Try them.** Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

DUNKARD WINTER PUMPKIN. This hybrid variety originated with the sect of Dunkards in Bucks County, Pa., where it has had a local reputation for years. They are oblong in shape, and frequently weigh twenty to twenty-five pounds. The outside skin is a rich, deep orange, lightly striped. The flesh is very thick and of a beautiful golden yellow, very rich and sweet in flavor. Their most wonderful property is their keeping qualities, having been kept for a period of two years in perfect condition. The vines are very hardy and productive. They sell in Philadelphia markets at double the prices of other varieties. Owing to the hybrid origin of the variety, they as yet vary some in shape, there being a tendency to sport back to the original parents. All specimens, however, are equally good in quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NEW GOLDEN OBLONG PUMPKIN. A very fine, new and productive variety, growing oblong to a length of sixteen to eighteen inches, and seven to eight inches in diameter. The outside skin is dark green when young, changing to a deep golden color as it ripens. Flesh rich yellow, very sweet, dry and excellent for pies. Its keeping qualities are almost if not quite equal to our best winter squashes. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

CASHAW. Long, yellow crookneck; splendid for table use or feeding stock; flesh yellow, solid, fine grained and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

JONATHAN PUMPKIN. This new pumpkin is pronounced by a veteran pumpkin grower one of the finest varieties he has ever grown. It is a good keeper of large size and shape, very prolific, smooth and even fleshed; very sweet and fine for pies. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CALHOUN. This new pumpkin has been thoroughly tested in all sections of the country and is pronounced by all one of the best for pies. Shape nearly round but somewhat flattened on the ends, skin creamy brown, flesh inside of a deep salmon yellow, very thick, fine grained and of most excellent quality. Lovers of fine pumpkins should try the **Calhoun.** Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

QUAKER PIE PUMPKIN. A distinct variety from New York State, where it has been grown for many years by a family of Quakers, or Friends. The shape is nearly oval, tapering slightly towards the ends. Color, creamy white, both inside and out; flesh is sweet and rich, and an excellent keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

SMALL SUGAR. A very handsome little pumpkin with deep orange colored skin, and flesh of unusually fine sugary flavor; fine grained; very productive and keeps well. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

TRUE TENNESSEE SWEET POTATO. A splendid pie and cooking pumpkin. They grow pear shaped to medium size, slightly ribbed; skin is a creamy white, lightly striped with green; flesh very thick, creamy white, dry and fine grained, keeping well until late in the spring; when cooked resemble sweet potatoes, but much more delicious in taste. The vines are hardy and enormously productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

NANTUCKET SUGAR. This great pie pumpkin is comparatively unknown outside of a few of the far Eastern States, where it is used exclusively in making the celebrated **Yankee Pumpkin Pies.** The skin is very dark green, almost black, flesh thick, and of a rich orange yellow. They weigh from twelve to fifteen pounds, and will keep for a year. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.



GOLDEN MARROW PUMPKIN.

GOLDEN MARROW. A splendid pie pumpkin. They are slightly ribbed; the skin is of a deep orange color; the flesh fine and of excellent flavor. Cook soft and tender, and are excellent keepers. The vines are very productive and hardy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.

Common Yellow Field. Very productive, and grown for feeding stock. Pkt., 5c.; oz., 10c.; lb., 35c.; 10 lbs., \$2.00.

New Customers.

As this catalogue will reach many who have never had our seeds, we would urge such to send us a **trial order**, no matter how small, even though you may now be satisfied with seeds bought elsewhere, we believe our **special strains** of many of the newer varieties will attract your special attention and effort and finally be found as profitable to you as they have been to thousands of others who are now regular customers.

THE BEST RADISHES

One ounce will sow one hundred feet of drill; nine pounds will sow one acre in drills.

FELTON'S MODEL WHITE BOX. The best early white radish. Truly a model. (See Novelties and Specialties, page 19.) Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

SCARLET, or CARDINAL GLOBE. For forcing in greenhouse, hot-beds, or cold frames, and for sowing on open borders early in the spring, there is no other red variety more desirable. It is entirely distinct and one of the earliest; in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.



PHILADELPHIA WHITE BOX. FIREBALL. ROSY GEM.

FIREBALL. The shape of this exceedingly valuable variety is shown in the above illustration. It is the finest red forcing turnip variety ever introduced; has a very small, short top. Color, brilliant scarlet, crisp, solid, tender, and of fine flavor. It is alike valuable for out-door planting early in the spring or in the autumn, and will always command ready sale at good prices throughout the year. It will not disappoint a single market or family gardener who sows it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

PHILADELPHIA WHITE BOX. This variety, previous to our introduction of Felton's Model White Box, which is superseding it, was the most popular early White Radish grown by Philadelphia gardeners. Its short top and rapid growth especially fits it for growing under glass, in frames or boxes, hence its name, as well as for early sowing in the open ground. Owing to its very few short leaves, it can be sown very thickly without causing the leaves to "draw." Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., 80c.

ROSY GEM, or RAPID FORCING (White Tipped Scarlet Ball). Since we first introduced this wonderful new radish it has won golden opinions in all sections of the country. It is one of the very earliest in cultivation, being a week earlier than Scarlet Turnip White Tipped, which it somewhat resembles in form and color. Their shape is perfectly globular, with rich deep scarlet top, blending into pure white at the bottom, exceedingly tender, crisp and delicious, never becoming hollow or pithy, very desirable for forcing, being fit to pull in three weeks from sowing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

STARTLE, or TWENTY DAY FORCING. A distinct type of the well-known olive shaped radish, selected by a Philadelphia market gardener. It is undoubtedly the earliest forcing half-long or olive shaped variety known, maturing in about twenty days. Color, brilliant red; flesh, pure white, crisp, sweet and fresh to the taste. It has a very small, short top, and is alike valuable for forcing or open ground. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Early Long Scarlet, or Salmon. The old standard family and market gardeners' variety. Long, bright scarlet, with small top. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Extra Early Scarlet Turnip. A round, deep scarlet turnip-shaped, small top variety, of quick growth; mild and crisp when young. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

JOHNSON & STOKES' NEW SCARLET OLIVE. A decided improvement on the ordinary deep scarlet olive shaped radish, of better shape, and handsomest in color of all deep red sorts; very popular in the South for shipment to Northern markets. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

PHILADELPHIA GARDENERS' LONG SCARLET.

This very excellent new strain is the result of years of patient and careful selection. It is a great improvement over the old Long Scarlet, being fully six days earlier, has a shorter and more compact top, will remain in the ground longer without becoming pithy or going to seed. In shape it is somewhat shorter and thicker, thus enabling it to withstand transportation better. In color the upper portion is of an unusually deep brilliant red, which gradually shades to a deep waxy pink towards the tip. Owing to its handsome shape, brilliant color and fine eating qualities, it commands a higher price and more ready sale than the European Long Scarlet. No other can equal it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.; 5 lbs. and over, 75c. per lb.

NEW WHITE LADY-FINGER RADISH. This is unquestionably the finest long white radish. Shape, most handsome, as shown in our illustration. In color it is a beautiful snow white. It is of very rapid growth, and remarkably crisp, brittle and tender, equally desirable for the market or home garden. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Extra Early White Turnip. Of very quick growth and small top. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.

SCARLET TURNIP, WHITE TIPPED. Resembling the above in shape, except of a deep scarlet color, with white tip; very handsome. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c.; 5 lbs., \$3.75.

LONG BRIGHTEST SCARLET, WHITE TIPPED (Long Cardinal). This new French variety is a decided improvement in earliness and color over other varieties of its class. It makes roots fit for use in about twenty-five days, when planted out-doors; has a small top and no neck or tendency to neckiness; is an exceedingly bright scarlet, having a white tip, making it one of the handsomest of radishes; it is very mild flavored and fine for forcing or out-door planting. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Early Deep Scarlet, Olive-Shaped. Flesh rose colored and very tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

PARIS BEAUTY, Half-Long Deep Scarlet. This variety is the most popular early radish sold in the markets of Paris. In shape they are intermediate, between the popular Long Scarlet and Scarlet Olive. They are of rapid growth, with rich deep scarlet skin, white flesh, very tender and crisp. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

EARLIEST ROUND DARK RED (Scarlet Button). An improved strain of the Extra Early Scarlet, of deeper color and handsomer appearance; very early, firm, crisp and of extra fine quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

NEWCOM. This new radish, introduced by us six years ago, has taken a leading place with market and family gardeners. It is the earliest, largest white radish known. Owing to its beautiful half-long shape and fine appearance, it readily sells at double the price of ordinary varieties. Quality very superior. They hold their fine eating condition four or five weeks after being fit to pull, and stand heat and cold to a remarkable extent; small top. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



EARLY RADISHES—Continued.

Early White, Olive-Shaped. Of fine olive shape, skin and flesh white, crisp, tender and of very quick growth. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

WOOD'S EARLY FRAME. A splendid forcing variety, earlier than the Long Scarlet, shape not quite so long and has a smaller top. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

Early French Breakfast. Of quick growth, very tender and beautiful, oval shape; scarlet, tipped with white; a great favorite. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

RADISH. Summer Varieties.

NEW WHITE STRASBURG. This valuable variety, introduced by us nine years ago, is now the most popular summer radish grown. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender and of a delightful pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remain in a tender condition longer than any other summer sort. There is much cheap and spurious seed being offered. Procure your stock direct from the introducers and have it reliable. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 5 lbs. and over, 85c. per lb.

LARGE WHITE SUMMER TURNIP, or GLOBE. A general favorite; of large turnip shape and beautiful form, pure white skin and flesh very crisp. Our strain of this variety is the finest known to Philadelphia and New York truckers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c; 5 lbs., \$2.50.

OLIVE SHAPED GOLDEN YELLOW. This is a fine new German radish, equally well adapted as an early forcing or summer radish. It is of very rapid growth and fine quality; flesh white, tender, crisp and brittle. The outside skin is a bright, fresh yellow, and has a very small top. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.20.



NEW IMPROVED YELLOW SUMMER TURNIP.

This very fine yellow summer radish is the result of hybridizing and many years' selection by an experienced Philadelphia market gardener. The neck is much smaller, leaves finer, flesh whiter, and of much better shape than the old Yellow Summer; always commands a readier sale at a higher figure, and withstands the summer heat better. Market and private gardeners will find it a most valuable acquisition. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c; 5 lbs., \$3.75.



NEW CHARTIER, OR SHEPHERD RADISH.

CHARTIER, or SHEPHERD RADISH. A variety of the Long Scarlet, originated in Western Pennsylvania. It is exceedingly handsome and attractive, as shown in our illustration above, being of a deep crimson color at the top, and blending off to almost white at the bottom. It is very tender, and remains so for a long time after attaining its growth, an important feature to the market or family gardener. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c; 5 lbs., \$3.75.

WHITE GIANT STUTTGART. Will produce roots of excellent quality and as large as winter radish in six to eight weeks. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

NEW SURPRISE. A variety from Spain, very early, light brown skin, pure white flesh, crisp and tender; keeps in fine eating condition without getting pithy for a long time. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

NEW CELESTIAL, or WHITE CHINESE. Has been grown for a few years past by California gardeners, who obtained it direct from China. It is an "All Seasons Radish," being ready for use when three inches long and continues until nearly six inches long. Flesh firm, solid and pure white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

RADISH. Winter Varieties.

CHINA ROSE WINTER. One of the best winter varieties, bright rose colored; flesh white, firm and of superior quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

ROUND BLACK SPANISH. A fine globe shaped radish, very popular with the Germans, known as *Rettig*; good quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

Long Black Spanish. A large winter variety; one of the hardest, with dark green leaves, firm in texture; keeping until spring. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

CALIFORNIA MAMMOTH WHITE. A winter variety growing twelve inches long; white fleshed, firm and of excellent quality. It is the largest radish grown, called by some the Mammoth Russian. Pkt., 5c; oz., 10c; lb., \$1.00.

NEW ROUND

SCARLET CHI-

NA. A new variety of the China Radish. It may be sown at intervals from spring till autumn; matures in from six to eight weeks, and is much harder than other varieties. Valuable as a winter radish as well as for summer. In shape it is round, rich scarlet, with pure white flesh of a most agreeable flavor. The shape, color, habit and quality are all likely to commend it to the market gardener and private grower as worthy of a careful trial. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



ROUND SCARLET CHINA RADISH.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

RHUBARB (Pie Plant).

One ounce will produce about one thousand plants.

Large Victoria. An excellent cooking variety. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Rhubarb Roots. Each, 20c.; doz., \$1.50; 100, \$6.00. By mail, post-paid, 30c. each, or \$2.50 per doz.

SORREL.

Large Leaved Garden. Cultivated for its acidity, and much used in salads. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

SALSIFY (Oyster Plant).

One ounce will sow about sixty feet of drill.

MAMMOTH SANDWICH ISLAND. This new Salsify, first introduced from the Sandwich Islands, grows fully double the size of the Long White, and is superior in quality. It is pure white in color and is invaluable to market gardeners. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Long White. The old favorite variety; the tops can also be used in the spring, dressed like asparagus. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Scorzenera, or Black. Pkt., 10c.; oz., 25c.; lb., \$2.50.

SPINACH.

One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre.

Market Gardeners desiring to purchase by the bushel will be given special prices on application.

AMERICAN ROUND SEEDED SAVOY, or BLOOMSDALE SPINACH. Our Celebrated Philadelphia Stock. Our entire stock of this very superior variety is Pennsylvania grown, of 1893 crop, and we guarantee it to possess every important quality that makes this valuable sort so popular. The leaves are large, thick, finely curled, heavy, are produced in great numbers, and stand handling and transportation better than any other sort. By far the best and most productive spinach in cultivation. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 5 lbs., \$1.25; 10 lbs. and over, 23c. per lb., not prepaid.



ENKUIZEN, LONG STANDING. This genuine long standing spinach was imported and introduced by us several years ago. We have often seen it stand so long that the leaves actually turned yellow before shooting to seed, hence its great value for spring sowing. The leaves are round, large, unusually thick, deeply curled and of a fine dark green color. Our stock is grown in Holland especially for us. This variety is superior to the ordinary Long Standing offered in many catalogues. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 5 lbs., \$1.25; 10 lbs. and over, 23c. per lb.

NORFOLK SAVOY. A large, curled variety, with thick, fleshy leaves. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

NEW THICK LEAVED ROUND. Produces large, thick, dark green, crumpled leaves; does not run to seed quickly. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

NEW LONG STANDING PRICKLY. This new variety is one of the **Largest, Thickest Leaved and Best Keeping.** It is very hardy, and a wonderful improvement on the old prickly spinach. It is one of the best for spring sowing, and is equally desirable for summer. It gives the largest weight of thick, tender leaves of any sort and remains a long time in condition for use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.; 10 lbs. and over, 35c. per lb.

NEW ZEALAND SPINACH. (*Tetragonia Expansa*.) Produces leaves in great abundance throughout the entire summer, succeeding when the ordinary spinach would not even grow. Sow in May, where the plants are to stand. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

SQUASH.

One ounce will plant twenty to forty hills, according to size of seed. Four to six pounds will plant one acre.

Summer Varieties.

NEW SWEET NUT. (See Photograph and description, Novelties, page 20.) Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



PHOTOGRAPH OF NEW GIANT SUMMER CROOKNECK SQUASH.

NEW GIANT, or MAMMOTH SUMMER CROOKNECK. (See illustration.) This new squash is not only earlier than the common variety, but grows uniformly to twice the size, frequently over two feet long. What few have been grown for market thus far have realized the growers a handsome profit, selling "three to one" compared with the old sorts. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

NEW MAMMOTH WHITE BUSH, SCALLOPED. An improved strain of the well-known White Bush, or Patty Pan Squash, growing uniformly to twice the size. They ripen early, skin a handsome white color, and wonderfully productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

EARLY WHITE SCALLOP BUSH, or PATTY PAN. A popular variety, grows to large size, and bears an abundant crop. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Golden Bush. Similar to the preceding, but of a deep orange color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

NEW GOLDEN CUSTARD, or MAMMOTH YELLOW BUSH. The largest of all the scalloped sorts, attaining a diameter of two feet under good cultivation, and very productive. Color deep golden yellow, unsurpassed in quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

GOLDEN SUMMER CROOKNECK. Early, productive, of good quality; skin yellow. Pkt., 5c.; oz., 10c.; lb., 75c.

PHOTOGRAPH OF FOUR EXCELLENT SQUASHES.



BOSTON MARROW.

LONG GREEN CROOKNECK.
WHITE PINEAPPLE.

ESSEX HYBRID.

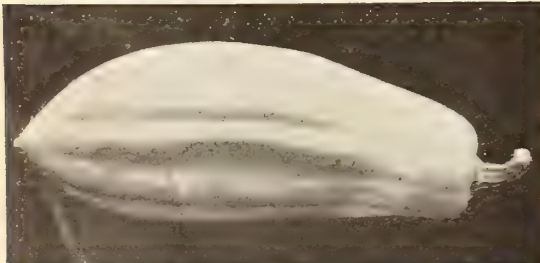
BOSTON MARROW. (*See illustration.*) Extensively grown and most profitable for winter use and canning. Flesh orange, fine grained; splendid for pies and as a winter keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 5 lbs. and over, 40c. per lb.

LONG GREEN SUMMER CROOKNECK. (*See illustration.*) It seems strange that this valuable squash should be so little known outside of Philadelphia market gardeners, who grow it largely with great profit, as it is preferred to all other summer squashes in our markets. They have a dark green skin, slightly striped with lighter shades of green and yellow, are very productive and of the finest quality. As a squash for frying they are unequalled, being superior in flavor to egg-plant. They are also delicious when made into fritters. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EGG-PLANT SQUASH. A new early variety with white flesh, equalling the Egg-plant when fried. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

NEW WHITE CHESTNUT. The outside skin of this distinct new variety is creamy white, the flesh lemon yellow, fine grained, sweet and most excellent in quality, suggesting the flavor of a boiled chestnut. The size and form are much like the good old original Hubbard, fully equalling it in great productiveness and keeping qualities. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

MEDITERRANEAN. Our attention was first called to this new squash by a sea captain, who brought from a trip to the Mediterranean a few of these squashes for our inspection and trial. They grow about the same size as the Hubbard, but perfectly round and smooth, and owing to their very thick flesh, will weigh heavier. The outside skin is of a pleasing red salmon color, while the flesh is of a beautiful rich yellow, very sweet, fine and floury. The vines grow vigorously, are extremely hardy and very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



PHOTOGRAPH OF FORDHOOK SQUASH.

FORDHOOK. A new winter squash, of excellent quality for winter use, shape as shown in above photograph. Flesh very sweet and dry. Ripens early and is well adapted to the far North. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

WHITE PINEAPPLE. (*See illustration.*) This new variety has attracted much attention, owing to its peculiar shape, as shown in above photograph. The skin and flesh are of a pure creamy white color, flesh fine grained and of excellent flavor, resembling the coconut when made into pies or custards. They can be used any time during growth, and after maturing make an excellent autumn and winter sort. They are remarkably strong growers, each vine producing generally from ten to fifteen perfect fruits. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

ESSEX HYBRID, or AMERICAN TURBAN. (*See illustration.*) This variety is one of the finest grained and sweetest of the squash family. Specimens kept until June as sound and good as when gathered in the fall. The flesh is very thick, rich colored and solid. It ripens early and is one of the most productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

BAY STATE. This variety comes from the same origin as the popular Essex Hybrid. The excelling features are its extreme solidity, heavy weight, fineness and dryness of grain, and sweetness of flavor. It is earlier than the Essex Hybrid, the crop averaging smaller in size and more in number. It has an extremely hard, flinty shell, and is an excellent keeper. The color of the shell is distinct from anything we have among the present varieties grown, being a blue shade with peculiar greenish tinge. The flesh is of a beautiful, bright golden yellow, and exceedingly sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

EARLY PROLIFIC ORANGE MARROW. This variety ripens two weeks ahead of the Boston Marrow, and excels it in productiveness and keeping qualities. Of very handsome color, medium in size, sweet flavor, with thick high colored orange flesh, fine grained and dry when cooked. Growing very quickly, it does well when planted as a second crop, following early peas, potatoes, etc. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c; 5 lbs., \$2.50.

SIBLEY, or PIKE'S PEAK. The shell is pale green in color, very hard and flinty, but so very thin and smooth as to occasion the least possible waste in baking. The flesh is solid and thick; a vivid brilliant orange color, dry and of a rich delicate flavor. They range in weight from eight to eleven pounds. Vine remarkably vigorous, and ripens its fruit simultaneously with the Hubbard. In productiveness the new Sibley Squash is decidedly superior to both the Hubbard and Marblehead, and ripens its fruit so evenly that nearly the whole crop may be gathered at one picking. In its keeping qualities it excels, remaining, in a good dry cellar, perfectly sound until the last of March. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

MAMMOTH CHILL. The largest of the squash family, specimens often weighing two hundred pounds and over. Flesh is a rich orange yellow, very thick and of good quality, very nutritious and profitable for stock feeding. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

HUBBARD. A general favorite and one of the best table varieties; of large size, flesh fine grained, dry and of excellent flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

The following squashes are each 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.: New Olive, Brazil Sugar, Perfect Gem, Marblehead, Coconut, Long White Marrow, Yokohama, Red China, Valparaiso and Butman.

TOMATO SEEDS FROM SELECTED FRUIT.

One ounce will produce about thirteen hundred plants.

FOR years we have made a careful study of growing the very best tomato seed. All tomatoes showing the slightest variation from the standard type are rigidly discarded, thus securing the purest possible seed. Our long experience and great care enables us to furnish a prime article of this important seed to market gardeners, and to retain the patronage of all who deal with us.

THE LIBERTY BELL. Now offered for the first time. (See illustration and description under Novelties, page 21.) Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.

THE GREAT B. B. TOMATO. (See illustration and description under Novelties, page 22.) Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$5.00.

JOHNSON & STOKES' EXTRA EARLY TROPHY. This variety was first discovered in a patch of the well-known Trophy, where it ripened nearly two weeks ahead of others. In shape it resembles the Trophy, but it ripens much earlier. It is of a deep red color. And very productive, growing to a good size, and does not show the least trace of rotting in its early stage of growth, as the Acme and Paragon sorts do. The tomato is firm, slightly lobed and has very few seeds. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

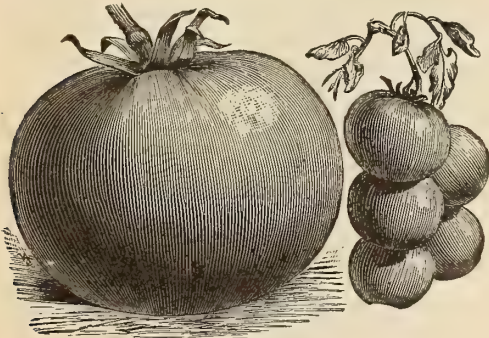
EXTRA EARLY ADVANCE. A cross between Alpha and Perfection, of bright scarlet color, medium size and good quality. It surpasses the Alpha in wonderful early ripening qualities, and equals Perfection in beautiful form and productiveness. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.40.

VOLUNTEER. This tomato originated on Long Island. They grow to a large size, averaging six to ten ounces, very smooth and perfect in form, color bright red, with little core and very early. The quality is very superior for table use and canning. Enormously productive, ripening well to the stem. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

EARLY OPTIMUS. A very fine new variety, somewhat resembling Favorite, but earlier and more uniform in size. Fruit medium sized, oval, very smooth, exceedingly bright, rich, crimson scarlet color, free from cracks and rot. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

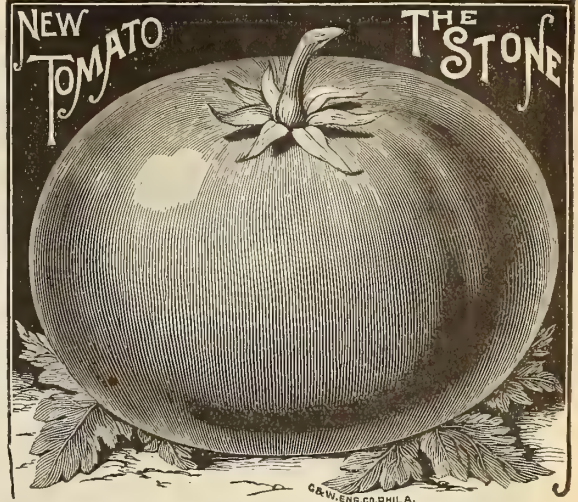
THE MIKADO, or TURNER HYBRID. This variety, also called the \$1600 Tomato, is entirely distinct. The foliage differs from other tomatoes, the large leaves being entire and not cut. It is a rank grower, with thick stalks, and enormously productive. The fruit is extra large in size, round, smooth, very thick through and remarkably solid. The average weight of the tomatoes is from twelve to eighteen ounces. They ripen unevenly and are entirely free from core. The skin is thin but rather tough, consequently the tomatoes keep in fine condition much longer than most other varieties. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

MATCHLESS. A new variety of large size and rich cardinal red color; grown quite extensively in some sections of New Jersey for shipping. The great objection being the deep indentation of the fruit around the stem. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



EARLY MICHIGAN TOMATO.

EARLY MICHIGAN, or RED APPLE. An extremely smooth and perfectly shaped tomato, as shown in our illustration. Very early, ripening its first fruits a few days after Atlantic Prize. Vines large, with large dark green leaves; vigorous and wonderfully productive, fruit medium size to large, and unlike most varieties growing larger as the season advances. Solid, without any core, deep, rich red color, and of excellent flavor. Admirably adapted to canners' use. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



NEW STONE. This tomato comes from Mr. Livingston, the originator of the Paragon, Favorite, Beauty, Acme and Perfection, which is of itself sufficient recommendation. Mr. Livingston writes: "The New Stone Tomato ripens for main crop; is very large and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon shaped; ripening evenly to the stem without a crack; exceedingly solid and firm fleshed (as its name indicates); is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

THORBURN'S LONGKEEPER. This new tomato originated with Mr. E. S. CARMAN, editor of *The Rural New Yorker*, who writes:

"About thirteen years ago I raised all the kinds of tomatoes popular at that time. Six of each were selected the same day, of apparently the same stage of maturity, and of a bright red color, as well as of the largest size and shapeliest form. These were kept in a darkened room until all were more or less decayed. From the last one to decay I selected seeds, which were planted the next year. Careful selections have been made every year since, always with a view to increasing their longkeeping qualities, uniformity in shape, earliness in ripening, as well as the productiveness of the vines." Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

THE IGNOTUM. (Unknown.) This new tomato was first discovered at the Michigan Agricultural College, in 1887, by Prof. L. H. Bailly, being a sport from a foreign variety under test. In our tests we find it earlier than Dwarf Champion, growing to very large size and remarkably smooth, regular in size and very solid. It is of handsome deep red color. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

NEW BUCKEYE STATE. This new tomato, offered last season for the first, is one of the largest of all the New sorts, fully one-half larger than the well-known Beauty. It is also a very heavy cropper, the tomatoes being borne in clusters of four to eight fruits. The color is much the same as Beauty, if anything a little darker, very solid, meaty, heavy and of the finest quality. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

LIVINGSTON'S ARISTOCRAT. We obtained seed stock of this new variety direct from Mr. Livingston last spring, and after critically testing it on our Trial Grounds, we are of the opinion that it is one of the very best varieties Mr. Livingston has ever put out, which is certainly saying a great deal in its favor. The Aristocrat was much admired by all who visited Floracraft last summer, attracting attention on account of its very erect and strong heavy vine loaded down with handsome red fruits of magnificent size and finest quality. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$5.00.

LIVINGSTON'S ROYAL RED. Royal Red is a first-class main crop variety for the shipper, market and private gardener, and of special value to the canner and catsup maker. Of late years quite a demand has sprung up for a tomato without any purple tinge and of a deeper red than any variety now on the market, and the beautiful red color of both skin and flesh of Livingston's Royal Red is what is desired. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

DWARF CHAMPION. A very distinct variety. Its close upright growth allows it to be planted closer together than other varieties. The fruit resembles the Acme, is of a purplish pink color and always smooth and symmetrical in form. It is of medium size and attractive in appearance; the skin is tough and the flesh solid and of fine quality. A very shy seeder. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



ATLANTIC PRIZE.

THE VERY EARLIEST OF ALL TOMATOES.

This tomato ripens ahead of all others. It is the result of many years' careful selection by one of the most successful tomato growers of Atlantic County, New Jersey. The vines grow strong, stiff and very rapidly, setting the crown fruit when quite young, the buds appearing before the plant is four inches high. The fruit is borne in immense clusters. Each vine produces from sixty to eighty large, perfect tomatoes, very solid and of the finest quality, being unusually free from core and seeds. Another great feature, besides extreme earliness, and one which must prove of great advantage to all tomato growers and market gardeners, is that when first fruiting it ripens more evenly and abundantly than any other tomato grown. It is by far the most valuable first early market variety ever introduced. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

THE BRANDYWINE TOMATO.

Nothing we have ever introduced has excited so much comment as this magnificent tomato. It has brought us in hundreds of unsolicited testimonials from customers who all agree in pronouncing it one of the most productive, continuous in bearing, and attractive in both color and form.

It is unquestionably one of the very best second early and late tomatoes, owing to its large size, beautiful bright red skin, uniformly smooth and handsome appearance, and great productiveness.

With two such handsome varieties as the **Atlantic Prize** for early and the **Brandywine** for second early and late, no private or market gardener could fail to have a bountiful supply of most delicious tomatoes the entire season. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

EARLY MARKET CHAMPION TOMATO.

This valuable tomato originated with a prominent Philadelphia market gardener, who has for many years made the selection and improvement of the tomato a specialty. He has always had extremely fine, large tomatoes in the market very early and realizing handsome prices for his crop. His aim has always been to combine earliness with large size and perfect, smooth shape. There is no other purple tomato cultivated that will ripen so early or produce more bushels of large, handsome fruit to the acre than the **Market Champion**. Pkt., 10c.; oz., 85c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.75.

THE CUMBERLAND RED TOMATO.

This magnificent tomato has met with very large sale in all sections of the country. Many pronounce it the best tomato they have ever grown. It originated a few years ago in Cumberland County New Jersey, where a few truckers have grown it and made very large profits, from the fact that it has always commanded very high prices in Philadelphia markets; and it was only after great persuasion and at high cost that we were able to obtain from the originator a few ounces of his selected stock seed to grow from. The vines grow vigorously and produce abundantly until killed by frost. Foliage a very dark green. The skin is remarkably tough, and the tomatoes keep a long time after being pulled, making them an excellent market and shipping variety. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

TOMATOES—Continued.

THE PONDEROSA. This has been extensively advertised by a brother seedsman. It is certainly a monster, many specimens taken from our patch this season weighing from one and one-half to two pounds each. We do not find the quality equal to some of the smaller sorts. A very shy seeder. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$1.00.

LIVINGSTON'S BEAUTY. A popular variety. The color is a glossy crimson, with a purple tinge; it grows in clusters of four and five, retaining its large size late in the season; very solid, with a tough skin, making it very desirable for shipping. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

CHEMIN MARKET. This new tomato was originated by Mr. Chemin, the noted Paris gardener. It has been grown with great success in nearly all sections of the United States, and is distinct in form, being apple-shaped, and bearing its fruits in bunches of ten to twelve. Color bright scarlet, solid and finest flavor. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

LIVINGSTON'S POTATO LEAF. A fine market tomato, remarkable for its great firmness and solidity. It is named **Potato Leaf**, from its very peculiar leaf, which is whole, not cut or serrated like the ordinary kinds. In this respect it resembles the **Mikado**, or **Turner Hybrid**. While the fruit is not quite so large as these, it is far smoother. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

LIVINGSTON'S PERFECTION. This valuable variety comes from the same source as the Acme and Paragon. It is shaped like the Acme, larger, fully as early, perfectly smooth, blood red in color, very solid and a heavy cropper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

SELECTED EARLY PARAGON. Very solid, dark red color, heavy foliage, a favorite market variety; excellent for canning. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

SELECTED EARLY ACME. Ripens evenly, of medium, uniform size, round, very solid, and of a pink purplish color; very productive, bearing until killed by frost. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

LIVINGSTON'S FAVORITE. An early variety; somewhat smoother than the Paragon. Does not crack after ripening, is of a darker red than the Perfection, and is larger than either. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

THE PEACH TOMATO. Almost identical with some forms of peaches, both in shape and color. The fruit is produced in clusters, is very solid, with red interior, and red, pinkish and green blush on the outside skin, which can be easily peeled, like the skin of a peach. For preserving, is hard to beat. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

NEW ROSE PEACH TOMATO. This variety was offered last spring for the first time, and grows about twice the size of the above, or ordinary Peach Tomato. The outside skin is of a beautiful terra-cotta color, making it very distinct and handsome. Pkt., 10c; 3 pkts., 25c; oz., 50c.

The following varieties of Tomatoes are each 5c. per pkt., 25c. per oz., \$2.50 per lb.

Trophy, Shah, or Golden Mikado, Mitchell's Improved No. 1, Cardinal, Horsford's Prelude, Lorillard, Station Upright, Queen, Scoville's Hybrid, Golden Queen, Early Ruby, King of the Earlies, Mayflower, Essex Hybrid, Climax, Hathaway's Excelsior, General Grant, Feejee Island, Large Smooth Red, Cook's Favorite, Canada Victor, Golden Trophy, Large Yellow, Pear-Shaped and Red Cherry.

TURNIP.

One ounce will sow one hundred and fifty feet of drill, one to one and one-half pounds will sow an acre.

EXTRA EARLY PURPLE TOP MILAN. (Strap-Leaved.) This new variety has proven to be the earliest and handsomest flat turnip in cultivation. No other variety can equal it for spring sowing. It is of medium size, and flat shape, with bright purple top; pure white flesh of excellent flavor, never bitter, small top, and a good keeper. It is a very shy seeder, hence true stock must be always high in price. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

EXTRA EARLY PURPLE-TOP MUNICH. This handsome turnip is entirely distinct from any other variety, growing entirely above ground, pure white, with a bright, purplish red top and few leaves, flesh fine and of good flavor when young. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

EARLY RED-TOP WHITE GLOBE. A very early and attractive variety; very productive, white flesh of fine quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY WHITE FLAT DUTCH. An early white fleshed variety, usually sown early in the spring; of quick growth, juicy, mild flavor and excellent quality; also grown for a fall crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

PURPLE-TOP FLAT. (Strap-Leaved.) This variety is similar to the above, excepting it is red or purple above ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY WHITE EGG. A new, early, white, egg-shaped variety for early or fall sowing; fine grained, sweet, an extra keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

GOLDEN BALL, or ORANGE JELLY. A rapid grower, of excellent flavor, bright yellow, a good keeper, a superior table variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

YELLOW ABERDEEN. Hardy, productive, a good keeper, globe shape, good for table use or feeding stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

MYER'S PURPLE-TOP BEAUTY RUTA-BAGA.

This new variety is of American origin. It is undoubtedly the finest Swede to be obtained, whether for market garden or stock feeding. The root is smooth and beautiful. The flesh is golden yellow, fine grained, solid, sweet, and very nutritious. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c; 5 lbs., \$1.00.

YELLOW, or AMBER GLOBE. Flesh firm and sweet; grows large, excellent for either table use or feeding stock; keeps well. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

BUDLONG, or BREAD-STONE.

This new strain is the result of years of careful selection made by Mr. Budlong, one of the most extensive market gardeners of New England. While of Ruta-Baga form, it well deserves to be classed with the best table turnips, owing to its fine texture and extra high quality. It is of half-long shape, as shown in our illustration, with a beautiful purple crown, pure white skin and flesh. Medium in size and of very quick growth. This new turnip has had a great local reputation for several years in a few towns in New England, where gardeners would pay almost any price to obtain seed in seasons when scarce. From our own experience we pronounce it the very best table turnip for spring and winter use that we have ever seen grow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



BUDLONG TURNIP.

IMPROVED PURPLE-TOP YELLOW RUTA-BAGA. The leading market variety, and largely grown for stock as well as family use; hardy, productive, solid, sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$2.00.

Large White Ruta-Baga. Differs from the yellow only in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Seven-Top, or Forrester. Grown extensively in the South for its abundant leaves, which are boiled with meats. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

The following varieties of Turnips are each 5c. per packet; 10c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

Pomeranian White Globe, Large White Norfolk, Large Cow Horn or White French, Carter's Swede.



SEEDS OF POT AND SWEET HERBS.

Those marked with a * are perennial, and when once obtained in the garden may be preserved for years.

A NISE. Pkt., 5c; oz., 10c. *Balm. Pkt., 10c; oz., 25c; oz., 20c. Catnip, or Catmint. Pkt., 10c; oz., 40c. Coriander. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c. *Caraway. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c. Dill. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c. *Lavender. Pkt., 10c; oz., 25c. Marigold, Pot. Pkt., 5c; oz., 15c. *Fennel. Pkt., 5c; oz., 10c. Hyssop. Pkt., 10c. *Horehound. Pkt., 10c; oz., 30c. *Marjoram, Sweet. Pkt., 5c; oz., 20c; lb., \$2.00. Opium Poppy. Pkt., 5c; oz., 25c. *Rosemary. Pkt., 10c; oz., 40c. *Rue. Pkt., 5c; oz., 15c. Saffron. Pkt., 10c. Sage. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00. Savory, Summer. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c. *Savory, Winter. Pkt., 5c; oz., 20c. *Tansy. Pkt., 10c; oz., 30c. Thyme. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c. *Wormwood. Pkt., 5c; oz., 25c.



Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, we have given particular attention to this department of our business, and have made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality.

THE 100-DAY BRISTOL.

THE LARGEST EARED, EARLIEST
YELLOW DENT CORN IN
CULTIVATION.

Since we first introduced the Improved Leaming Corn, twelve years ago, it has grown in popularity each season, and is now catalogued by nearly every seedsman in America. It is probably more largely planted now, both in the Northern and Southern States, than any other field corn known. In the **100-Day Bristol**, however, we believe we have a corn of such greater value that it will supplant even the Leaming on every farm where that variety is now grown. The **100-Day Bristol** was first pointed out to us by the well-known seed farmers, Messrs. Myers & Bowman, of Bucks County, Pa., who, with a few neighbors, had been growing it to the exclusion of all other varieties, owing to its great earliness and wonderful productiveness, **one hundred bushels to the acre** being no uncommon yield.

Three years ago, when we first saw this corn growing in the field, with its **enormous stalks and fodder**, twice the height of an ordinary sized man, as shown in our photograph, and its magnificent long ears, more than **half again as large as the Leaming**, we were inclined to doubt its earliness. But after carefully testing it for three seasons, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a bright yellow, large and broad; the cob is small, considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties which require three to four weeks longer to ripen. In fact, it is a **perfect field corn in all respects**. Prices of Extra Selected Seed: pkt., 15c; ear, 25c; lb., 35c; 3 lbs., \$1.00, post-paid, by mail. By express or freight, shelled, peck, 80c; bush., \$2.50; sack of 2 bush., \$4.50; on ear, 25 ears, \$2.00; 50 ears, \$3.00; 100 ears, \$5.00.

WHAT OTHERS SAY OF 100-DAY BRISTOL.

JAMES R. HARMON, Baxter Springs, Kan., Sept. 17, 1893, writes: "Your 100-Day Bristol Corn comes fully up to the recommendations you give it. From one pound of seed I raised about seven bushels of fine corn. It grows a very strong stalk, ten to twelve feet high; the ears average fully twelve inches in length, and their growth is very rapid. I shall plant my main crop in Bristol Corn next season."

W. B. ROSS, Lockwood, Mo., Oct. 17, 1893, writes: "I am greatly pleased with the 100-Day Bristol Corn; it grows very vigorously and matures extra early. I planted it last of April; it was out of the way of frost early in August, and fit to crib September 1st."

WM. OCHENRIE, Washington, Ills., Nov. 20, 1893, writes: "I was much pleased with your 100-Day Bristol Corn; it is the earliest and largest in yield."

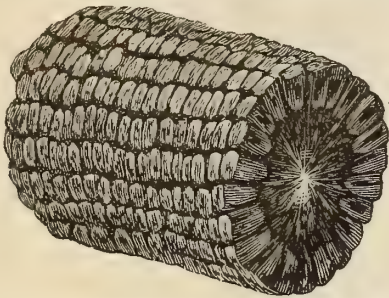


PHOTOGRAPH OF THE 100-DAY BRISTOL CORN

IMPROVED LEAMING CORN.

Previous to our introduction of **The 100-Day Bristol Corn**, the Improved Leaming has been considered the earliest Yellow Dent in cultivation. The ears are large and handsome, with deep grain, of deep orange color and small red cob. Stalks grow to medium size (not large) with few suckers, tapering gradually from root to top, producing two good ears to each stalk, husks and shells easily. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. Prices by mail, post-paid, pkt., 10c.; lb., 30c.; 3 lbs., 75c. By freight or express, bags included, qt., 15c.; peck, 60c.; bush., \$1.75; bag of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush.

JOHNSON & STOKES' NEW GIANT BEAUTY FIELD CORN.



In the new **Giant Beauty** we have a very valuable and long sought for variety, viz: A very large ear and grain, yet a very early Yellow Dent Corn. **Giant Beauty** is a cross between Cloud's Early Dent and Golden Beauty, possessing the earliness and Deep Grain of the former, with the handsome deep yellow color and breadth of grain of the latter. It is absolutely the largest grained of all yellow corn. Its small red cob and great depth of grain are well shown in the accompanying illustration made from an average ear. Its rich, deep golden color and fine quality of grain make it very superior for grinding into meal, and indicate its strong nutritive qualities. It is a very vigorous grower, taking strong hold in the ground and averaging eight feet in height, producing two large ears well filled to the extreme ends of the cob, even on light and poor land. **Giant Beauty** presents the most perfect type of Yellow Field Corn ever introduced, in every respect, and should be planted by all farmers who want to be abreast of the times. Pkt., 10c.; ear, 25c.; lb., 35c.; 3 lbs., \$1.00, post-paid, by mail. By express or freight, peck, 75c.; bush., \$2.25; sack of 2 bush., \$4.00.

FARMERS' FAVORITE DENT.

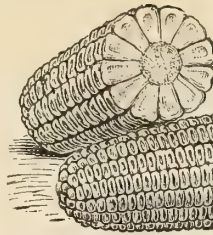
This is an improved variety of the Golden Dent, which it resembles in some respects. The ears are of good size, with very small cob and very large, deep grains, of a beautiful, bright golden yellow color. The corn meal made from this corn is very superior in quality and appearance. It produces well even on light land, frequently yielding from ninety to one hundred bushels shelled corn to the acre. Lb., 30c.; 3 lbs., 75c., post-paid. Qt., 15c.; peck, 60c.; bush., \$1.75; bag of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush.

CLOUD'S EARLY YELLOW DENT.

This corn was originated some years ago by Jas. Cloud, a prominent Chester County farmer. It has taken first premiums wherever it has been exhibited. It has a fine, rich appearance, weighs well, starts early and with a strong stalk as soon as it comes out of the ground; grows vigorously, though the stalks only range from seven to nine feet in height. It withstands severe droughts to a remarkable degree. Ears, set low, are of large size, well filled, very deep grained; sixty to seventy ears will yield a bushel of shelled corn. Matures early, and very productive. Lb., 30c.; 3 lbs., 75c., post-paid. Qt., 20c.; peck, 75c.; bush., \$2.00; bag of 2 bush., \$3.75; 10 bush. and over, \$1.75 per bush., bags included.

EARLY MASTODON CORN.

A new early Dent variety, originated in Ohio. The ear is very large, and grain deep. It grows strong, rank, rapid, and makes the finest appearing shelled corn, being purely Dent, of two shades of white and yellow. In the *American Agriculturist* corn contest of 1889 it outyielded all others, making the wonderful record of two hundred and thirteen bushels shelled corn to the acre. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid. Qt., 15c.; peck, 65c.; bush., \$1.75; bag of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush., bags included.



GOLDEN · BEAUTY CORN.

The **Golden Beauty** is a large and broad grained yellow corn. The ears of perfect shape, with from ten to fourteen straight rows of bright golden yellow grains, filled out completely to the extreme end of the cob. The cob is very small. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The stalks take strong hold in the ground, grow vigorously to a height of eight to nine feet. **Golden Beauty** matures in one hundred and ten days from planting. Post-paid, large pkt., 10c.; lb., 30c.; 3 lbs., 75c. By freight or express, qt., 15c.; peck, 65c.; bush., \$1.75; bag of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush.

PEACH BLOSSOM MAMMOTH.

This distinct variety is a cross between the celebrated **Chester County Mammoth** and **Ohio Red**, brought to its present standard by careful selection made by Mr. Wm. Peck, who with a few of his neighbors, residing in the great corn growing district of Chester County, Pa., will grow no other sort, owing to its many superior qualities. It is without doubt one of the most productive in cultivation. It grows vigorously to a height of ten to twelve feet, ripens in good season, but not early, hence we do not recommend it for latitudes north of Central Pennsylvania. The cob is very small for so large an ear; grain very deep and broad, of a beautiful golden color, handsomely tinted, and striped on the outside with light pink, hence the name given by the originator, "**Peach Blossom**." Fifty-five to sixty ears will shell a bushel. Pkt., 10c.; ear, 25c.; lb., 35c.; 3 lbs., \$1.00, post-paid. By express or freight, peck, 75c.; bush., \$2.25; sack of 2 bush., \$4.00.

CHESTER COUNTY MAMMOTH.

Wherever introduced has given universal satisfaction both on account of its large yield, fine quality of grain and superior fodder. The ears are large and well formed; grain, very large, deep, and of a bright yellow color; the stalk is large, averaging from ten to fourteen feet. Our stock has been improved each year by the most careful and skilful selection of the largest and earliest ears. By mail, post-paid, pkt., 10c.; lb., 30c.; 3 lbs., 75c. By express or freight, bags included, qt., 15c.; peck, 60c.; bush., \$1.75; bag of 2 bush., \$3.25; 10 bush. and over, \$1.50 per bush.

HICKORY · KING · CORN.

This is unquestionably the largest grained and smallest cobbled pure white Dent Corn in cultivation. The grain is so large and cob so small, that by breaking an ear in half, one grain will cover the entire end of the cob. The ears grow seven to nine inches in length, are generally borne three to a stalk. It ripens medium early, yet we do not recommend it as an entirely safe crop north of the latitude of Pennsylvania. It is particularly adapted to and will yield more on thin soil than any other White Field Corn. By mail, pkt., 10c.; lb., 30c.; 3 lbs., 75c. By express or freight, qt., 20c.; peck, 75c.; bush., \$2.00; bag of 2 bush., \$3.75.

RED COB ENSILAGE CORN.

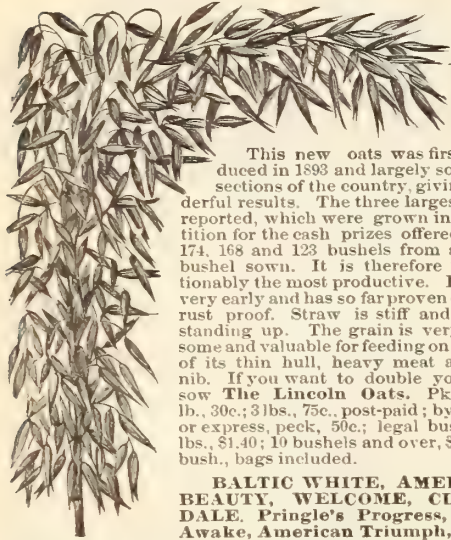
This new and superior ensilage corn we can recommend, from experience, as being the heaviest cropping variety in cultivation, producing fifty to seventy-five tons per acre. It has been thoroughly tested in all dairy sections of the country. It is a pure white Dent Corn of large size and handsome appearance, growing on a red cob. The fodder is sweet, tender, juicy, and said to contain more nourishment than any other variety. It grows thirteen to fourteen feet in height, taking strong hold in the ground standing up well and resisting storms of all kinds to a remarkable degree. Peck, 50c.; bush., \$1.40; 10 bush. and over, \$1.20 per bush.

BLUNT'S WHITE PROLIFIC, or MAMMOTH ENSILAGE CORN. Produces three to eight good ears to a stalk. It is also much used for ensilage, and has been known to produce seventy tons of fodder to the acre. Peck, 50c.; bush., \$1.50; 10 bush. and over, \$1.40 per bush.

LONGFELLOW'S and EARLY YELLOW CANADA. These well-known eight-rowed yellow flint varieties, ripen very early, and are well adapted to the North and for late replanting. Qt., 20c.; peck, 65c.; bush., \$2.00.

SUGAR CORN FOR GREEN FODDER. Profitable as green feed for milch cows, being sweeter and more nutritious and eaten more readily than fodder from Field Corn. Bush., \$1.50; 5 bush. and over, \$1.40 per bush.

The Lincoln Oat.



This new oats was first introduced in 1893 and largely sold in all sections of the country, giving wonderful results. The three largest yields reported, which were grown in competition for the cash prizes offered, were 174, 168 and 123 bushels from a single bushel sown. It is therefore unquestionably the most productive. It is also very early and has so far proven entirely rust proof. Straw is stiff and strong, standing up. The grain is very handsome and valuable for feeding on account of its thin hull, heavy meat and soft nib. If you want to double your crop sow **The Lincoln Oats**. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; by freight or express, peck, 50c.; legal bush, of 32 lbs., \$1.40; 10 bushels and over, \$1.25 per bush., bags included.

BALTIC WHITE, AMERICAN BEAUTY, WELCOME, CLYDE, DALE, Pringle's Progress, Wide-Awake, American Triumph, White

Belgian, White Russian, Probstier, Surprise, Excelsior, and other well-known and popular varieties of seed oats at bottom prices. Each, 30c. lb., or 3 lbs. 75c., post-paid; by freight or express, bags included, per legal bush., 32 lbs., \$1.00; 10 bushels and over, 90c. per bush., bags included.

Jerusalem Artichoke Roots.



This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are the best hog food known. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown

on one acre), and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventive of cholera and other hog diseases; and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in the rows, and covered about two inches deep. They can be shipped at any time during the season, as they are not injured by freezing. Lb., 35c.; 3 lbs., \$1.00, post-paid; by freight or express, peck, \$1.00; bush., \$3.00; bbl. of 3 bush. (enough for one acre), \$7.50.

Mammoth Russian Sunflower.

THE GIANT OF ALL SUNFLOWERS. Growing to double the size of the common sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known. The leaves make splendid fodder much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. Oz., 5c.; qt., 20c. (qt., post-paid, 35c.); peck, 75c.; bush., \$2.50; sack, 2 bush., \$4.00.

Dwarf Essex Rape.

The best for sowing, raised extensively in England for sheep feed, etc. Lb., 25c.; peck, \$1.50; bush., \$6.00.

Weber's Improved Evergreen.



BEST AND PUREST BROOM CORN IN CULTIVATION.

This is the best and purest in cultivation, originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color without the slightest reddish tinge. It makes by far the best brooms of any corn grown; height seven to eight feet. Qt., 30c.; peck, \$1.00; bush., \$3.00; 2 bush., \$5.50.

Dwarf Evergreen Broom Corn. Grows three to four feet high, straight, smooth brush. Qt., 20c.; peck 80c.; bush., \$2.25.

MANSHURY BARLEY. The earliest and most productive. Qt., 20c.; peck, 60c.; bush., \$1.75.

SPRING BARLEY. Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.40.

Spring Tares, or Vetches. Qt., 30c.; bush., \$3.50.

SPRING RYE.

Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude. Lb., 35c.; 3 lbs., \$1.00, post-paid; peck, 60c.; bush., \$1.50.

SPRING WHEAT.

SASKATCHEWAN FIFE. This wheat is pronounced by the great milling kings of the Northwest the best. Fifty bushels to the acre is not an uncommon yield. It is ten days earlier than the common fife, straw growing about a foot taller, standing stiff and strong. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, post-paid. Peck, 80c.; bush., \$2.75.

SEED BUCKWHEAT.

NEW JAPANESE. In 1883 a gentleman travelling in Japan sent to a friend in New Jersey about a thimbleful of this new variety. It was carefully planted, and enough seed raised to sow one-half bushel in 1886, from which the crop was forty bushels. Sown at the same time with Silver Hull it proved two weeks earlier, and yielded twice as much. The kernels are nearly twice the size of any other buckwheat; of a rich dark brown color and manufacture a superior flour. Owing to its branching character only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. This new buckwheat is rapidly displacing all others. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; qt., 20c.; peck, 50c.; bush., \$1.25; 5 bush. and over, \$1.15 per bush., sacks included.

SILVER HULL. Sown at same time as common buckwheat, this variety continues in bloom longer, and yields nearly double. The flour is whiter and more nutritious. Lb., post-paid, 25c.; qt., 20c.; peck, 50c.; bush., \$1.40.

COMMON BUCKWHEAT. Qt., 15c.; bush., \$1.25.

OSAGE ORANGE. The popular hedge plant. Lb., 50c.; peck, \$2.00; bush. of 33 lbs., \$7.00.

FLAX SEED. Qt., 15c.; bush., 56 lbs., about \$2.50.

SOJA HISPIDA (Soja Bean.) Grown largely for forage crops and valuable for green manuring. Pkt., 10c.; lb., 50c., post-paid; peck, \$1.25; bush., \$4.00.

TOBACCO SEED.

PERSIAN ROSE MUSCATEL. Imported from Hungary, where it is regarded as the very best. It possesses a delicious Turkish or Rose perfume. Leaves are of a medium size and regular. Pkt., 10c.; oz., 30c.; lb., \$3.00.

CONNECTICUT SEEDLEAF. Saved from selected plants. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

HAVANA. Imported seed. Pkt., 10c.; oz., 40c.; lb., \$4.00.

General Grant, Primus, Pennsylvania, or Lancaster (Broad Leaf), Maryland and Virginia (Broad Leaf), Gold Leaf, Medley Pryor, each, pkt., 10c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.25.

Forage Plants.

JERUSALEM CORN belongs to the non-saccharine sorghums, and was brought a few years since from the arid plains of Palestine. It is pronounced, by all who have grown it, the best and surest grain crop for dry countries and seasons, even better than Kaffir Corn and Millo Maize. It grows about three feet high, makes one large head on main stalk, and several smaller heads on side shoots, often as many as eight heads on one stalk. The grains are pure white and nearly flat. Three pounds will plant an acre.

The cultivation is the same as for Kaffir Corn and other forage plants. We hope all our customers who are interested in this class of plants, and have not already tried it, will give the new Jerusalem Corn a trial. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, post-paid. Lb., 20c.; 10 lbs., \$1.50; bush., 60 lbs., \$5.00, by freight or express.

KAFFIR CORN is now successfully cultivated for both forage and grain in all sections of the United States. It is the best general purpose plant of all the varieties of sorghum yet offered, unless it be the new Jerusalem Corn, described above, and will make a paying crop on land that will not yield five bushels of corn or wheat. It is early as Amber Cane. It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of **waiting for rain** without any loss of capacity to yield. The grain makes a flour that is like wheat. It can be cultivated the same as our common Indian Corn, requiring four to five pounds of seed per acre. By mail, postage paid, pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, qt., 20c.; peck, \$1.10; bush., 60 lbs., \$4.00.

WHITE MILLO MAIZE, or DHOURA. A grain of South American origin, which we have distributed largely in past seasons. It can be cut repeatedly for green feed or for fodder. It stools or branches freely; the mass of foliage it produces is enormous, and it stands dry weather well. Plant in April, in rows three or four feet apart, five to eight seeds in a hill, requiring two pounds to the acre, and cultivate as corn. Post-paid, pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by express or freight, qt., 20c.; peck, \$1.10; bush., \$4.00.

YELLOW MILLO MAIZE, or YELLOW BRANCHING DHOURA. Another new variety of sorghum, valuable for both forage and grain. Its growth is tall, nine to twelve feet, stooping from the ground like the white Millo Maize. It sends out shoots also from the joints. The seed heads grow to great size, often weighing a full pound after being fully ripe. The heads are set close and solid, with a large, plump grain, double the size of White Millo, and of deep golden-yellow color. In shape, the seed head is thick, well shouldered, solid, never long and narrow, and by reason of size and weight, each head is the full equal in grain to a fine ear of corn. The heads begin to turn down usually as soon as formed, and when ripe hang on short goose-neck stems. The grain makes most excellent feed for horses, cattle, chickens or human food. It will mature its main head in one hundred days and still go on maturing others until cut down by frost. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; qt., 20c.; peck, \$1.10; bush., \$4.00.

TEOSINTE (REANA LUXURIANS). This gigantic Grammae of Central America somewhat resembles Indian Corn. It produces a great number of shoots, growing twelve feet high, very thickly covered with leaves, yielding an abundance of forage. Oz., 15c.; 1/4 lb., 50c.; lb., \$1.50.

LARGE AFRICAN MILLET. A variety of sorghum used for forage, growing stalks ten feet high, with heads of grain twelve to fourteen inches long. Pkt., 10c.; qt., 20c.; peck, \$1.10; bush., \$4.00.

SUGAR CANE—EARLY AMBER. This is by far the best variety for sugar, as it matures quickly, and has been cultivated as far north as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. For ensilage or fodder it possesses important advantages. By mail, post-paid, lb., 30c.; 3 lbs., 75c.; by express or freight, qt., 20c.; bush, of 56 lbs., \$2.50; 10 bush, or over, \$2.25 per bush.

SAINFON, or ESPARLETTE (Onobrychis Sativa). An excellent new perennial fodder plant, growing to the height of about three feet, and flowering in June and July. If broadcasted it will require about five to six bushels per acre; if drilled, four to five bushels. It will crop from seven to ten years, according to the nature of the soil. Lb., 15c.; 10 lbs., \$1.25; bush, of 25 lbs., \$2.50.

RAMIE—Silver China Grass (Urtica nivea). This is the variety now so extensively cultivated in the South for its fibre. Pkt., 20c.; oz., 90c.; lb., \$10.00.

**HIGH
GRADE**

**GRASS
SEEDS**

**EXTRA
CLEAN**

Our grass and clover seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds.

POSTAGE ON GRASS SEEDS.

Remit, in addition to price, 8c. per lb., and 15c. per qt., except on light varieties, which do not weigh over 14 lbs. per bush., on which remit 5c. per qt., to prepay postage.

VARIETIES OF CLOVER.



CRIMSON, SCARLET OR CARNATION CLOVER.

CRIMSON, or SCARLET CLOVER (Trifolium Incarnatum). A more valuable crop than this annual clover does not exist. As an improver of the soil, or for an early summer forage or hay crop it is unsurpassed. As a green manuring crop for grain, fruit or trucking crops it gives the very best results, while for improving poor land it has no equal. It succeeds on nearly every kind of soil, standing Southern suns and Northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every State in the Union where tried. Sow ten to fifteen pounds to the acre. Lb., 20c.; 10 lbs., \$1.50; 25 lbs. and over, 12c. per lb.; bush, of 60 lbs., \$6.50.

ALSIKE, SWEDISH, or HYBRID CLOVER (Trifolium Hybridum). This valuable variety is the hardest of all the clovers and is sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Its superior pasturage is much liked by cattle. Blossom heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow six pounds per acre in spring or fall. Lb., 30c.; 10 lbs., \$2.50; 25 lbs. and over, 20c. per lb.; bush, of 60 lbs., \$10.00.

LUCERNE, or ALFALFA CLOVER. A perennial forage plant, and when once properly seeded in suitable soil will produce fine crops for several years. It has a remarkably strong growth, occasioned by its roots penetrating the ground to a great depth, ten to twenty feet, until they are altogether out of reach of drought. Seed can be sown with any grain crop in the spring, or as a separate crop, at the rate of ten to twelve pounds to the acre. Lb., 25c.; 10 lbs., \$2.00; 25 lbs. and over, 15c. per lb.; bush, 60 lbs., \$8.00.

BOKHARA CLOVER (Honey Plant). Excellent for bee food, growing well on poor soil. Lb., 35c.; 10 lbs., \$3.00.

WHITE DUTCH CLOVER. The best to sow with lawn grass and valuable in permanent pastures. Oz., 5c.; lb., 40c.; 25 lbs. and over, 30c. per lb.; bush, 60 lbs., \$15.00.

Clover, Common Red. Lowest market prices.

MAMMOTH PEA VINE, or SAPLING CLOVER. Market variable. Lowest market prices.

Japan Clover. Valuable for the South. Lb., 40c.

Our Fall Catalogue

is published September 1st, and will be mailed to all who ask for it. It is invaluable to all those who are interested in winter wheat, grass and clover seeds and Dutch bulbs.

For a Beautiful Lawn.



"The most beautiful thing that can be placed about a home is a well-kept lawn. It is the soul of the surroundings of a home. Not only is it one of the most beautiful, but also useful features of the landscape. Grass is the carpet of the earth, and like the carpet of the house it should be used."

Our Evergreen Lawn Mixture

Will insure a beautiful dwarf, green, compact sward, and remain green and fresh during our hot, dry summer months, even when sown on Lawn Tennis, Croquet and Ball Grounds in constant use, and has become widely known, and is exclusively used on the finest public and private grounds around Philadelphia, New York and other cities.

Prices, qt., 25c.; 2 qts., 40c.; qt., post-paid, 30c.; peck, \$1.00; bush., 16 lbs., \$4.00.

Our Fairmount Park

Lawn Mixture

Is composed of fine grasses, but less expensive than those used in our Evergreen Mixture. Qt., 20c.; 2 qts., 35c.; qt., post-paid, 25c.; peck, 75c.; bush., 14 lbs., \$3.00.

A quart will sow about 300 square feet. Three to four bushels are required to sow an acre. Instructions how to prepare and sow a lawn are printed on each package.

SPECIAL MIXTURES FOR PERMANENT PASTURES and MOWING LANDS.

PRICE, \$2.50 PER BUSHEL; 10 BUSHELS AND OVER, \$2.25. SOW 2 TO 2½ BUSHELS TO THE ACRE.

In the preparation of these mixtures for Permanent pasture and Mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, the range of temperature, and the purpose for which sown, and if with or without a crop, should accompany each order.

Johnson & Stokes' No. 1 Mixture for Permanent Pasture. Contains blended in proper proportions for the purpose, the following grasses: Orchard Grass, Sheep's Fescue, Meadow Fescue, Hard Fescue, Canadian Blue, Sweet Vernal, Meadow Foxtail, Tall Meadow Oat, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Rhode Island Bent, Timothy, Wood Meadow, Rough-Stalked Meadow, Alsike Clover, White Clover, Mammoth Clover. Bush., \$2.50.

Johnson & Stokes' No. 2 Mixture for Permanent Mowing. Contains, properly blended: Red Top, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Mammoth Clover, White Clover, Fine-Leaved Fescue, Rhode Island Bent, Rough-Stalked Meadow, Meadow Fescue, Meadow Foxtail. Bush., \$2.50.



CANADIAN BLUE GRASS.

CANADIAN BLUE GRASS. (*Poa Compressa*.) The hardiest grass in cultivation, should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows fed on it produce a very rich milk. It is especially relished by sheep. Its bluish-green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. Qt., 25c.; bush., 14 lbs., \$2.50.

KENTUCKY BLUE GRASS. (Fancy, triple cleaned.) Valuable for pasture when mixed with other varieties. Qt., 15c.; bush., 14 lbs., \$2.00; 5 bush., and over, \$1.85 per bush.

ORCHARD GRASS. One of the most desirable pasture grasses. Qt., 15c.; bush., 12 lbs., about \$2.00.

Timothy. Qt., 20c.; bush., 45 lbs., about \$2.50.

HERD, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadows or pastures. Qt., 10c.; bush., 10 lbs., 75c.; in sacks of fifty lbs., about \$3.00.

East India, or Pearl Millet. Cultivated for fodder. Lb., 30c.; 10 lbs. and over, 25c. per lb.

Hungarian Millet Grass. One of the most valuable annual forage plants. Qt., 10c.; bush., 48 lbs., about \$1.50.

German, or Golden Millet Grass. Will grow in almost any climate or soil; the yield in hay or seed is larger than any other variety. Qt., 10c.; bush., 50 lbs., about \$1.75.

Common Millet. Qt., 10c.; bush., 50 lbs., about \$1.50.

Johnson Grass (*Sorghum Halapense*). Qt., 20c.; bush., 25 lbs., \$3.00.

Sweet Vernal Grass. True Perennial. Lb., 60c.; bush., 10 lbs., \$5.00.

Natural Green Grass. Qt., 20c.; bush., \$3.00.

Meadow Fescue, or English Blue. Qt., 20c.; bush., \$1.00. Sow 2 bushels to the acre.

Tall Meadow Oat Grass. A valuable grass for permanent pasture, on account of its early luxuriant growth. Makes splendid hay. Qt., 20c.; bush., 13 lbs., \$2.50.

English Rye Grass. A nutritious, permanent grass, for meadows and pastures. Qt., 20c.; bush., 24 lbs., \$2.50.

Italian Rye Grass. Qt., 20c.; bush., 20 lbs., \$2.40.

Wood Meadow Grass. Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow twenty-eight pounds to acre. Lb., 40c.; bush., 14 lbs., \$4.50.

Meadow Foxtail, Crested Dog-tail, Fine-Leaved Fescue, Water Meadow, Rough-Stalked Meadow, Water Fescue, each per lb., 40c.; 10 lbs. and over, 35c. lb.

Rhode Island Bent, Meadow Brome, Tufted Hair, Creeping Bent, Wood Hair, Hard Fescue, Sheep Fescue, Meadow Soft, each per lb., 30c.; 10 lbs. and over, 25c. per lb.

GRASSES FOR THE NORTH AND SOUTH.

This little work contains a complete list, with descriptions and illustrations, of all the desirable grasses now grown in the United States. Will be mailed free to all who write for it.

Novelties and

Choice Specialties in

FLOWER SEEDS

ASTER NOVELTIES.

Every flower lover has her bed of Asters and the improvements in them recently have been marvellous. Those we offer on this page, are all new and choice.

NEW JEWEL, OR BALL ASTER.

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high, of steady habit.

351. **Apple Blossom.** Shell pink, Pkt., 15

352. **Crimson.** Very showy and handsome, " 15

353. **Deep Rose.** An excellent color, " 15

1 pkt. each of these 3 Glorious Asters, 35c.

DEEP SCARLET TRIUMPH ASTER.

333. This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet of itself, seven or eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. The color is rich, brilliant scarlet; each plant bears at least thirty or forty flowers of exquisite beauty. Pkt., 15c.; 2 pkts., 25c.

NEW QUEEN OF THE EARLIEST ASTER.

At our Floracraft Trial Grounds, this aster sown out of doors bloomed ahead of plants that had been started under glass six weeks before. They are dwarf plants with fine large flowers of beautiful form. They are without doubt the very earliest aster listed. If weather is propitious they may be had in bloom by the beginning of July.

347. **Queen of the Earliest.** Pure white, . . Pkt., 15

348. **Queen of the Earliest.** Mixed colors. . . " 15



NEW JEWEL, OR BALL ASTER. Pkt., 15c.

NEW PLUME, or COMET

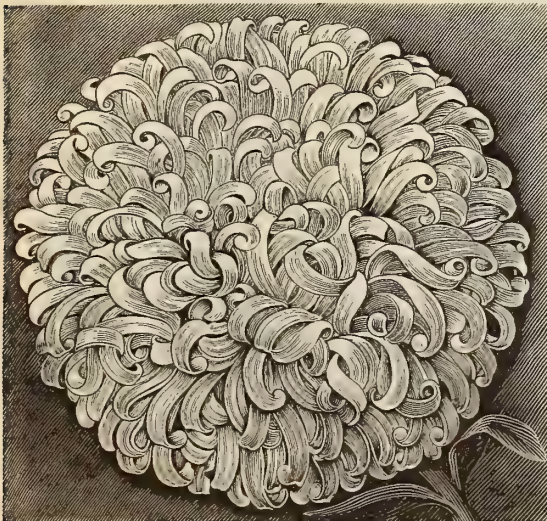
...ASTER...

This new variety of asters are very beautiful and are now fixed in habit so that they produce themselves true from seed. They grow twelve to fifteen inches in height. Flowers three to four inches in diameter, with their petals curved and twisted like a chrysanthemum, as shown in the illustration.

345. **WHITE PLUME, or COMET ASTER.** A surprisingly beautiful pure white variety. Flowers are very large, with each petal ribbed with a line of satin white, giving the flowers a very elegant appearance. Pkt., 15c.

346. **CARMINE PLUME, or COMET ASTER.** Similar in shape and style of flower to the above, but of a beautiful rich carmine color. Pkt., 15c.

For other varieties of Asters, see page 91.



NEW WHITE PLUME
ASTER.
Pkt., 15c.



NEW GILLAUD PINKS. Pkt., 20c.

New Gillaud Pinks.

The only Strain of Pinks blooming the first Season that Contains Yellow.

665. This new race originated with M. Gillaud, a celebrated French specialist, and, like the *Dianthus Margarita*, they contain considerable Carnation blood and yet possesses all of the profuse and early blooming qualities of the annual *Dianthus*.

The Gillaud Pinks bloom profusely in the summer and autumn from spring sown seed; the flowers are very large, of perfect shape, very fragrant and last a longer time either cut or on the plants than *D. Margarita*, and making this strain still more valuable they contain flowers of clear yellow and others with yellow stripes. The seeds which we offer in mixture contain a magnificent variety of colors and shades. They are equally adapted for open ground and pot culture, and will, we think, prove indispensable to the florist. Pkt., 20c; 3 pkts., 50c.

Heuchera • Sanguinea.

1530. (*Coral Plant*.) At our Floracraft grounds this exquisite little, hardy perennial is an especial favorite. The growth of the plant is low and bushy, throwing up long, slender spikes of lovely coral red flowers, making the most graceful bouquets imaginable. Its general character is indicated in the illustration and being perfectly hardy, it spreads and grows in beauty with each successive season. It is very valuable as a florists' flower. Pkt., 15c.



NEW GIANT DAISY. Pkt., 15c.

New Giant Daisy.

1024. (*Bellis perennis*, fl. pl. maxima.) These new maxima or Giant Daisies are the largest flowering of all known varieties of *Bellis*. They have been obtained and brought to such a state of perfection through judicious selection of the lovely *Prince of Wales Daisy*. The flowers, which are densely filled with fine petals, are of a size that they could not be covered with a silver dollar, appear in glowing red and rose varieties; they have been admired by every visitor. The seed now offered is perfectly reliable and certain to produce surprising results. Pkt., 15c.



MIGNONETTE IMPROVED VICTORIA. Pkt., 10c.

2028. **MIGNONETTE IMPROVED VICTORIA.** This new Mignonette is a perfect beauty in every respect. Grows only about six inches high, and will put every lover of flowers in ecstasy by its perfectly regular, pyramidal habit and the elegant beautifully formed spikes which are profusely covered with pretty brilliant red flowers. The flower is larger and of a more brilliant red color than that of the old *Victoria Mignonette*, and contrasts grandly with the dark glossy green foliage. Pkt., 10c; 3 pkts., 25c.

TWO EXQUISITE CLIMBERS.

* NEW + BUTTERFLY + PEA *

"CENTROSEMA GRANDIFLORA."

"Look at Me."

Something Absolutely New.

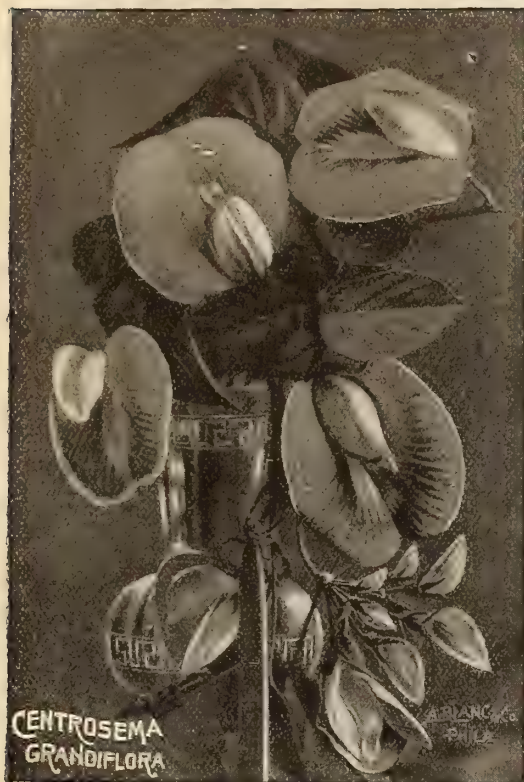
695. Many old and neglected plants are really valuable, and prove eminently satisfactory, but, after all, it cannot be denied that one which is absolutely new to cultivation, and at the same time is one of the very best in actual merit, is decidedly most desirable.

Just such a plant is *Centrosema Grandiflora*. I have had the pleasure of watching its growth and development during the last few seasons. It is a hardy perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears in the greatest profusion inverted pea shaped flowers, from one and a half to two and a half inches in diameter, and ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes six to eight in a cluster.

The stem and foliage are very graceful, and of a delightful odor.

It is well adapted for every garden purpose, and especially as a climber, running six to eight feet in a season. It will bloom until frost, and if potted will no doubt flower freely in the house.

One of its most attractive features is the way in which the flowers look up at you in the face. Every imaginative person sees faces in the pansy, and this is even more suggestive in *Centrosema*. Therefore, "Look at Me," would not be a bad name for it. Pkt., 15c.; 2 pkts., 25c.



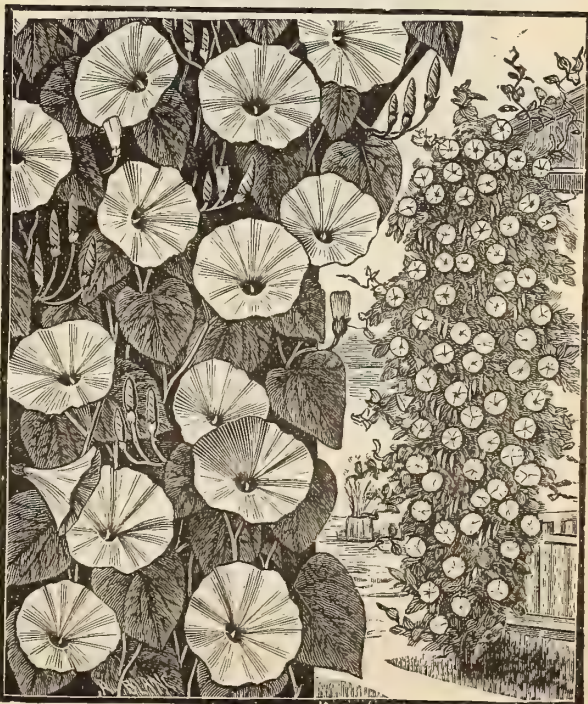
NEW BUTTERFLY PEA. Pkt., 15c.

IPOMÆA "HEAVENLY BLUE."

1665. This wonderful new annual climber originated from seeds of *Mina Lobata* which grew near *Ipomæa Leari*. All summer humming birds flitted back and forth between the two. That season, the fall of 1888, the latter gave no seeds, the former but few which were planted in the spring. Among the seedlings appeared these, with large cordage, light green leaves, smooth and firm in texture, with reddish brown vine, and stems like *Mina Lobata*, but with flowers shaped like *I. Leari*. Color, an out-and-out sky blue, the lovely blue so rarely seen in flowers, resembling *Salvia Patens* but lighter; centre of flower shaded lighter, delicately rayed with a glow of yellow deep in the throat. In the morning about nine o'clock no lovelier sight can be imagined than this climber, which is completely covered with bloom, so much so as to almost cover the foliage. Undoubtedly the humming birds were match-makers and this beautiful hybrid the result. It is a rampant grower, and blooms till very late fall. Will do well in the conservatory as well as outside. Every one who sees it, with its cloud of airy blossoms, measuring four to four and one-half inches across, exclaims: "That is the loveliest thing I ever saw; I must have it." Plant very early in the spring in the house to insure quick bloom. Pkt., 15c.; 2 pkts., 25c.

NEW FORGET-ME-NOT.

2104. **ROSE VICTORIA.** (*Myosotis alpestris Victoria rosea*). The flowers of this new variety are of a lovely rose color, with the characteristic central double bloom, as well as in habit and growth of the well-known blue *Victoria*. Pkt., 15c.



NEW IPOMÆA HEAVENLY BLUE. Pkt., 15c.

WE WILL SEND ONE PACKET EACH
OF THESE TWO EXQUISITE CLIMBERS,
"NEW BUTTERFLY PEA" and "IPOMÆA
HEAVENLY BLUE," FOR 25 CTS.

SPECIALTIES
... IN ...

Flowering Plants

CANNAS.

THE SENSATIONAL FLOWER FOR 1894.

Few flowering plants combine so many fine qualities as the modern Canna; a race of sub-tropical bulbous plants, of most easy culture, rapid reproduction, and good keeping qualities. Since the distribution by M. Crozy of his results from hybridization the floral world has been astonished by their luxuriance of foliage and gracefulness of bloom, which is of immense size, borne in large masses and trusses, combining in color the brightest and richest shades of yellow, red, orange and scarlet, bringing them to the front as the finest ornamental plant in commerce. Useful for the garden, greenhouse or sitting room.

MADAME CROZY. Flowers of a dazzling crimson scarlet, bordered with golden yellow; a marvellous and rich combination of colors. The plant is of vigorous growth yet very dwarf in habit, rarely exceeding four feet in height. The foliage is of rich cheerful green, and very massive. The flowers are produced in large branching stems which are closely set with bloom, each stem being really a bouquet in itself. It is remarkably free flowering, and can be had in bloom the year round. 30c. each; 4 for \$1.00; \$2.50 per dozen.

PAUL MARQUANT. Another grand variety, and one of the most pleasing and beautiful on account of its large size and entirely distinct and novel color. The flowers, which are larger than in any other variety, stand out from the spike separately in such a manner as to attract special attention. Its color, which is difficult to describe, and which is frequently compared in softness to an orchid, is of a bright salmon scarlet, passing to a rosy carmine with a peculiar silvery lustre, which lights up the salmon very brightly. The foliage is of a dark green, and its habit very dwarf, growing from three to three and a half feet in height. 40c. each; 3 for \$1.00.

CAPTAIN P. DE SUZZONI. The finest yellow spotted variety yet introduced. Its flowers are very large, with broad rounded petals produced in large heavy spikes. The ground color is of a rich, canary yellow, while the entire flower is spotted with cinnamon red in such a manner as to intensify the yellow. Its habit of growth is entirely distinct from all others, the foliage being very similar to that of the Abyssinian Banana, and of a light green color. It attains a height of about five to five and a half feet. 40c. each; 3 for \$1.00; \$3.50 per dozen.

ALPHONSE BOUVIER. This is the grandest Canna for bedding out of doors introduced up to this time. It is a very luxuriant grower, growing considerably taller than Madame Crozy, throwing up flower stems freer than that variety. In good ground and under good cultivation the plant will grow eight feet. It begins to bloom very early and is one continuous mass of crimson the entire season. The tips of the shoots are surmounted by immense clusters of bright crimson flowers of the very largest size, and



CANNA MADAME CROZY.

nothing can exceed their brilliancy. It has a peculiar habit of drooping the flower cluster a trifle as the second flowering shoot begins to push above the first, and the shoots flower two, three, or more times, one after the other, a large plant in bloom sometimes having on as many as thirty or forty of these large brilliant clusters of flowers. Grand is the only word that describes this variety. 35c. each; 4 for \$1.00; \$2.50 per dozen.

FRANCOIS CROZY. This variety is identical with Madame Crozy in habit and general style of growth, but the flowers are bright orange, bordered with a narrow edge of gold, one of the most desirable shades that could be secured. The plants are somewhat more dwarf than Madame Crozy, and are fairly covered with flowers. 25c. each; 5 for \$1.00.

LOUIS CHRETEIN. Bright canary yellow, spotted with crimson; foliage light green; four and a half feet. 20c. each; \$2.00 per dozen.

ANTOINE CROZY. Rich deep green foliage, a strong vigorous grower and free blooming; flowers of a bright cherry carmine, very effective; four and a half feet. 20c. each; \$2.00 per dozen.

ADMIRAL COURBET. Flowers large, light yellow, striped and spotted with crimson; foliage, pea-green; three feet. 20c. each \$2.00 per dozen.

STAR OF '91. Of dwarf compact habit, of a bright orange scarlet color faintly banded with yellow; foliage bright green; three feet. 20c. each; \$2.00 per dozen.

ENFANT DU RHONE. Flowers of good size, rosy salmon, overlaid and striped with orange scarlet, very floriferous; foliage green; three and a half feet. 20c. each; \$2.00 per dozen.

MIXED CROZY SEEDLINGS. These are unnamed, but all are good sorts and will make fine beds. 15c. each; \$1.50 per dozen.

ROBUSTA PERFECTA. Fine tall growing, dark leaved variety, giving fine tropical effect. 15c. each; \$10.00 per 100.

NEW ROSES OF SPECIAL MERIT.

MADAME CAROLINE TESTOUT. A new Hybrid Tea that will take equal rank with La France, to which it bears resemblance. It has the same form, but the color is a deep satiny rose, with a brilliant pink centre. This grand new rose has already become very popular in New York, and many rose growers predict that before another year it will have taken the place of La France. Strong plants, 30c. each; 4 for \$1.00.

KAISERIN AUGUSTA VICTORIA. A splendid new Tea Rose of vigorous growth and rich, glossy foliage. The flowers are produced singly on long stems, and are extra large and very double; color pure white shading to lemon yellow. One of the best new roses, and equally valuable either for cut flowers or for bedding. 30c. each; 4 for \$1.00.

CLIMBING PERLE DES JARDINS. A sport from the well-known *Perle des Jardins*, retaining all the characteristics of that popular variety, except that it is of a strong climbing habit. For the South this will be an especially valuable variety, being hardy there, while for a pillar rose in the conservatory it is particularly desirable. 30c. each; 4 for \$1.00.

THE QUEEN. Pure snow white; makes good finely formed buds, is quite full, petals thick and of good substance; opens well, is very sweet and, we believe, will prove valuable for open ground planting. 20c. each; 6 for \$1.00.

CLOTILDE SOUPERT. Begins to flower when only four inches in height, and continues to bloom throughout the season. The flowers are borne in clusters, very double, handsomely formed, and of rather large size; the outer petals are pearly white, shading to a centre of rosy pink. 20c. each; 6 for \$1.00.

MARION DINGEE. This is one of the best Tea Roses of American introduction. A strong, vigorous grower, with large, thick deep green leaves. The flowers are large, cup shaped, and full; the color is remarkable, a deep brilliant crimson, one of the darkest and richest colored Tea Roses in existence. The flowers are beautiful in the bud and are borne on long, stiff stems. A wonderfully profuse bloomer which we recommend to all. 30c. each; 4 for \$1.00.

NEW CLIMBING TEA, NIPHETOS. A sport from Niphotos, retaining all the characteristics of the parent variety, except that it is of a strong climbing habit, frequently sending out shoots that attain a length of twenty feet. 30c. each; 4 for \$1.00.

SOUVENIR DE LADY ASHBURTON. (Tea.) Originated by one of the famous rose growers of Paris. The flowers of this superb rose are exceedingly large and full, and of round handsome form; the color, a fine shade of rich coppery red, delicately suffused with pale orange yellow; reverse of petals fine rosy fawn color. It is highly scented with the true Tea Rose odor. 30c. each; 4 for \$1.00.

SPECIAL OFFER OF NEW ROSES.

We will send any 4 of the above choice new roses for 60c.; or the entire collection of 8 for \$1.00, by mail, post-paid.

EVER-BLOOMING ROSES.

AGRIPPINA. Bright, fiery red, sweet scented; a good grower and one of the most constant bloomers.

"THE BRIDE." Every lover of fine roses should have a plant of this peerless variety. "The Bride" is a pure white rose of large size and most perfect form. The buds are pointed and the ends of the petals are slightly curved back, giving it a most chaste and elegant appearance.

BON SILENE. This splendid old variety is equally valuable for summer or winter blooming; average size and exquisite Tea scent; color, brilliant carmine.

CATHERINE MERMET. One of the most fashionable roses for cut flowers; color, clear rosy pink; very large pointed buds; full; double and fragrant.

HERMOSA. Probably the most popular bedding rose in cultivation. It is of a bright pink color, most prolific in blooming, and perfectly hardy.

PERLE DES JARDINS. Canary yellow; large, well-formed buds and flowers on strong stems; free bloomer; a superb sort for pots, and also for the open air. Considered the finest rose of its color.

MARIE GUILLOT. This splendid rose is first-class in every respect; extra full and double flowers, tea scented, pure snow white in color; always in bloom.

MADAME ELIE LAMBERT. Fine, large, full double flower, globular and cup-shaped; the outer petals pure white, the centre of a beautiful rosy flesh color, often changing to deep rosy carmine; very distinct and fine. Plant a vigorous grower and remarkably free in bloom; a decided novelty in color, and one that will be sure to please.

PAPA GONTIER. One of the finest roses either for out of doors or for winter forcing; dark carmine crimson.

SAFRANO. Bright apricot yellow, changing to orange and fawn, sometimes tinted with rose; valued highly for its beautiful buds; fragrant.

LOUIS PHILIPPE. Dark rich crimson, free bloomer, excellent for bedding.

Prices of Everblooming Roses: each, 15c.; 4 for 50c. Entire set, eleven sorts, for \$1.00.

CLIMBING ROSES.

Climbing *Perle des Jardins*. (See above.) 30c. each.

Climbing *Niphotos*. (See above.) 30c. each.

Climbing *Madame Pierre Cochet*. A new French ever blooming climber; color, a beautiful orange salmon, with fine formed buds; very double and fragrant; not hardy. 30c. each.

MARECHAL NEIL. (Noisette.) A rose so famous as to hardly need a description here. The most beautiful large golden yellow grown; very full and double and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short. 15c. each.

Prices of Climbing Roses: one plant each of the above Climbing Roses for 75c.

HARDY PERPETUAL ROSES.

AMERICAN BEAUTY. This variety has been rightly described an everblooming Hybrid Perpetual. The flowers are very large, of beautiful form and very double; color a deep, rich rose. The fragrance is delightful, resembling La France or the old fashioned Damask Rose. It is truly an ever bloomer, each shoot producing a bud.

LA FRANCE. We cannot speak too highly of this superb rose, which every year becomes more popular. Flowers large and beautiful, either in the bud form or when expanded; peach blossom color, shaded pink and silvery rose. It is very free blooming, every shoot forming a beautiful flower. In addition to this, it is entirely hardy with a slight protection of leaves, and most deliciously fragrant, thus combining in a marked degree all the qualities of a perfect rose.

MRS. JOHN LAING. This is, we believe, the finest hardy rose of its color ever offered. It is an exquisite shade of shell-like pink, deliciously fragrant, of the largest size, and like the *Dinsmore*, is entirely hardy and ever blooming. No collection of roses is complete if it does not contain *Mrs. John Laing*.

GENERAL JACQUEMINOT. Rich velvety crimson, changing to scarlet crimson. A magnificent rose; equally beautiful in the bud state or open. This is the best known of all Hybrid Perpetuals, and is without a rival in fragrance and richness of color. It is as easy of cultivation as many of the more common varieties; and perfectly hardy.

MAGNA CHARTA. Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

DINSMORE. A vigorous and free blooming rose, perfectly hardy and bearing large perfectly double flowers of a rich scarlet crimson color.

BARON DE BONSTETTIN. Dark red, almost black; very large, double, fragrant flowers; a strong grower.

BARONESS ROTHCHILD. A most magnificent hardy rose; flowers about five inches in diameter and of an exquisite shade of satiny pink. The heavy foliage comes close up to the flower, forming an effective background of green.

GLOIRE DE MARGOTTIN. Dazzling red, the most brilliant yet known; large, full, finely formed globular flowers; growth very vigorous, one of the most distinct hardy garden roses in cultivation, and can be especially recommended for its freedom of blooming and hardness.

ROSA RUGOSA. The lovely Romanas or Rugosa Roses form sturdy bushes three to five feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with bright red seed pods.

Rosa Rugosa. Beautiful glossy crimson.
Rosa Rugosa Alba. Pure white.

Prices of Hardy Perpetual Roses: each, 20c.; 3 for 50c.; 8 for \$1.00; or the entire collection of 9 Hardy Roses and 1 each of the *Rosa Rugosas*, for \$1.00.

PRIZE NEW CHRYSANTHEMUMS.

Below we offer a few of the very choicest Chrysanthemums of recent introduction. This collection will be found unsurpassed by any varieties offered anywhere. Ready March 1st. Orders filled in rotation as received.



A PHOTOGRAPH OF GOLDEN WEDDING, $\frac{1}{3}$ NATURAL SIZE.

JOHN GOODE. This is a fancy cut-flower variety of almost globular form, of the finest silky finish, and destined to become a standard sort for cutting; the outer petals are delicate lavender, forming a decided band of color; the inner petals are clear lemon. 40c. each; 3 for \$1.00; \$3.00 per dozen.

MRS. IRVING CLARK. A pearl white on the margin shading to deep rose. Petals twisted and incurved. Flowers very large and fine. 25c. each; 5 for \$1.00; \$2.00 per dozen.

MISS MINNIE WANAMAKER. Immense pure snowy white flowers, borne erect on stout stems. Deep, rich, full form with broad, thick petals. A strong grower and abundant bloomer. Highly recommended. 20c. each; \$2.00 per dozen.

MRS. A. J. DREXEL. A very large flowering early variety. Color a beautiful crimson lake. Petals long and twisted. A valuable addition to the list. 30c. each; 4 for \$1.00; \$2.50 per dozen.

IVORY. Snowy white, of perfect incurved form, very large; this is undoubtedly one of the most useful introductions of late years, as it is an early variety, of dwarf habit and free flowering. 20c. each; \$2.00 per dozen.

GOLDEN WEDDING. This is a grand golden yellow variety. Nothing can exceed the richness of its color; it is unrivalled in this respect. It is a remarkably vigorous grower and has such strength of stem that it carries its great globular flowers erect, giving it a bold, majestic appearance. The form of *Golden Wedding* is unique; the outer petals droop downward in picturesque irregularity, the centre of the flower is built high, with broad petals irregularly overlaid so that —although the flowers are so large that they are not heavy, solid-looking like many others—for this reason alone, it will, no doubt, supersede all other yellow varieties with the public. The judges at the Chrysanthemum show, in Philadelphia, pronounced it the best yellow in commerce and this opinion has been endorsed by everyone who saw it. 40c. each; 3 for \$1.00; \$3.00 per dozen.

COL. WM. B. SMITH. A beautiful broad petaled, symmetrically formed variety of high build and full to the centre. **The most double of all doubles**, forming a solid mass of the richest, brightest golden bronze. A prize winner wherever exhibited, both as specimen cut flowers and as plants. The foliage is very large and glossy. 40c. each; 3 for \$1.00; \$3.00 per dozen.

MRS. L. C. MADEIRA (Golden Ball). This new variety is so unique in its symmetry and beauty that it stands without a rival. The grand flowers are a perfect ball of bright golden yellow, of great substance, lasting for many days when cut and placed in water. 40c. each; 3 for \$1.00; \$3.00 per dozen.

E. HITZEROTH. A magnificent extra large flower, petals broad and peculiarly arranged, completely filling centre. Bright lemon yellow, exquisite and novel form; superior for commercial or exhibition purposes. Awarded the Winslow cup for best yellow, and certificate of merit. 40c. each; 3 for \$1.00; \$3.00 per dozen.

MRS. ROBT. CRAIG. One of the finest globular whites; very large and shapely, as perfect in type as Mrs. L. C. Madeira is among globular yellows. Certificates at Philadelphia, New York and Indianapolis. 30c. each; 4 for \$1.00; \$2.50 per dozen.

MRS. MARIA SIMPSON. Very large, soft chrome yellow flower, with broad, incurved petals, showing no centre. Looks like an exquisite ball of butter; strong, stiff stems and fine foliage. Well grown flowers are eight to nine inches across. 30c. each; 4 for \$1.00; \$2.50 per dozen.

HARRY E. WIDENER. Bright lemon yellow without shadings. Flower large, on stiff, stout stems that hold the flowers erect, without support; incurving, forming a large rounded surface; petals crisp and stiff; very free in growth, but not coarse. One of the finest yellows in cultivation. 20c. each; \$2.00 per dozen.

Prize Exhibition Collection of Chrysanthemums.

As a special inducement to get you to test these magnificent Chrysanthemums, we offer any five of the above varieties, your selection, for \$1.00, by mail, post-paid; the entire set of twelve, for \$2.00, by mail, post-paid.

WM. H. LINCOLN. A magnificent golden yellow variety, straight, flat, spreading petals. An extra large flower, completely double, and of great substance.

MERMAID. A soft, mellow pink, with deeper shading on the outer edge, while at the base it is of a deep cream; a fine incurving globular flower.

ROBERT BOTTOMLY. Very large, pure white, with petals irregularly twisted and incurved. One of the finest whites for exhibition.

PURITAN. Tinted white, an early variety and a very beautiful sort. Strong grower.

MRS. WM. BOWEN. Has broad incurved petals; rich crimson, reverse side old gold, giving the flower a very distinct and handsome appearance.

L. CANNING. Clear, white, large flat flowers. A good strong grower.

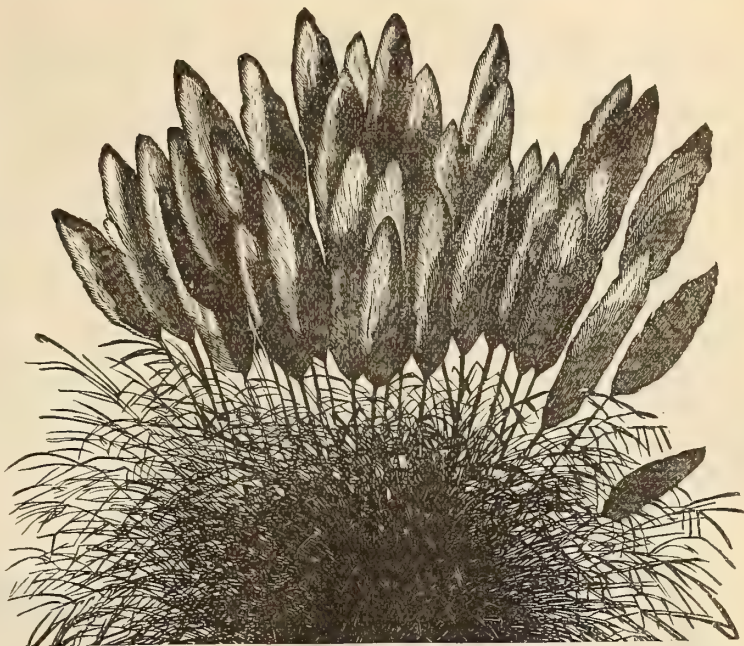
KIOTO. A fine, deep yellow, with a peculiar waxy lustre. Petals incurved and twisted.

CULLINGFORDII. Rich crimson, shaded scarlet, the flowers are large and petals reflexed. One of the finest dark varieties, and no collection is complete without it.

Price of any of the above Eight Varieties, 15c. each, or the entire eight for \$1.00; or the entire collection on this page for \$2.75.

PAMPAS GRASS

We offer strong roots of this exquisitely beautiful grass, which is the real *Gynerium Argenteum*. Its fine large silvery white plumes are thrown up well above the foliage and a fine clump of these is a rare sight. Though not hardy in our climate the roots may be taken up and wintered in a cellar or cold frame. After enjoying the plumes all summer they may be cut and treasured as a parlor ornament for the winter. For this purpose they are frequently dyed different colors. Price, 25c. each; 5 for \$1.00; \$2.00 per dozen.



GENUINE PAMPAS GRASS. 25c. each.

NEW BEGONIA VERNON.

This beautiful new Begonia is similar in habit to the old and well-known B. Semperflorens, but surpasses the latter by far by its brilliant orange carmine flowers and by its glossy, deep brownish red foliage, the deep red tint growing in intensity as the season advances. The beauty of the male flower is further enhanced by its bright yellow stamens, which contrast admirably with the brilliant red flowers and the dark metallic leaves. Blooming in the greatest profusion throughout the summer and autumn, it cannot be too highly recommended for flowering beds or for pot culture. Plants, 20c. each; 3 for 50c.

MANETTIA VINE.

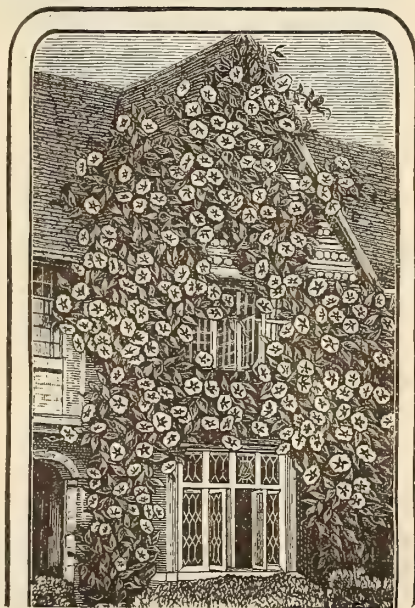
Manettia Bicolor. A very pretty, rapid growing twining plant, producing tubular flowers from one to two inches in length. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. Given strings or wires to cling to, it will attain to a height of from 6 to 10 feet in one season. Price, 15c. each; \$1.50 per dozen.



EGYPTIAN, OR SACRED LOTUS.

(*Nelumbium Speciosum*.)

A noble aquatic; the leaves attain at the time of blooming a height of 5 to 6 feet above the surface, and measure from 20 to 30 inches across; the immense flowers are frequently over a foot across and of a lovely white shading into deep pink at the edges. It is a luxuriant grower and blooms profusely, and is easily cultivated. It has proved perfectly hardy in New Jersey with a protection of leaves in winter. (See cut.) Price of roots, \$1.00 each; 6 for \$5.00.



THE MOONFLOWER VINE.

If planted out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will obtain a height of 40 feet by October 15th, blooming abundantly the entire season. It is called "Moon-flower" from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days; the flowers are of pure white, from 5 to 6 inches in diameter, emitting a rich Jessamine-like odor at night. 15c. each; \$1.50 per dozen; or seed, per pkt., 10c.

General List of Flower Seeds.

All flower seeds are sent free by mail on receipt of price. Full cultural directions will be found on each packet.

Numbers. To save our customers the trouble of writing out names, we have attached a number to each variety; therefore, please order by the numbers.

Premiums. In ordering flower and Vegetable Seeds in packets, purchasers sending \$1.00 may select packets to the amount of \$1.25. Those sending \$2.00, to the amount of \$2.50. Those sending \$3.00, to the amount of \$3.75, and so on.

ABOBRA.

A rapid growing and climbing gourd, with beautiful dark green foliage and bright scarlet fruit; half-hardy perennial.
20. **A. Viridiflora.** Flowers fragrant and of a pale green color; 10 ft. Pkt., 5c.

ABRONIA.

A beautiful trailing plant from California, producing clusters of sweet scented, verbena-like flowers, remaining in bloom a long time; very pretty for beds, rockwork or hanging baskets; half-hardy annual.

40. **A. Umbellata.** Rosy lilac, the most showy sort; ½ ft. Pkt., 5c.



ROYAL PRIZE ABUTILON. Pkt., 15c.

ABUTILON.

Few lovers of these beautiful flowers are aware how easily they can be raised from seed and how beautifully they flower all summer the first season. Half-hardy perennial.

45. **A. Royal Prize, Mixed.** Pkt., 15c.
46. **A. Fireball.** Dwarf; compact habit; large, deep crimson flowers. Pkt., 25c.

ADLUMIA.

(Mountain Fringe, or Allegheny Vine.)

A pretty climber with pale green foliage, of very graceful habit; hardy biennial.

60. **A. Cirrhosa.** Small, flesh white flowers; 15 ft. Pkt., 10c.

ADONIS.

Very showy and popular border flower, remaining in bloom a long time; hardy annual.

80. **A. Festivalis (Flos Adonis).** Fine scarlet; 1 ft. Pkt., 5c.
81. **A. Autumnalis (Pheasant's Eye).** Pkt., 5c.

AGERATUM.

This plant is a continual bloomer from early summer until the ensuing spring, and highly prized as a pot and bedding plant; half-hardy annual.

100. **A. Mexicanaum Nanum.** Lilac blue; 1½ ft. Pkt., 5c.
101. **A. Lasseauxii.** Beautiful rose color. A perennial if given greenhouse protection in the winter; 15 in. Pkt., 5c.
102. **Ageratum.** Choice mixed. Oz., 25c; pkt., 5c.
103. **A. Imperial.** Dwarf; white. Pkt., 5c.
104. **A. White Gem.** Novelty. A charming new very dwarf and compact growing Ageratum, attaining only four inches in height, and profusely covered with nice white flowers. Like all Ageratums this blooms continuously, and for beds in the flower garden, either as edgings, ribbon planting or for masses—it is very effective until frost—and is equally as desirable for pot culture, or as a basket or vase plant. Pkt., 10c.

ACROCLINUM.

Elegant summer flowering plants for beds, etc.; also a good everlasting for winter bouquets; half-hardy annual.
50. **A. Choice, Mixed.** Pkt., 5c.

AGROSTEMMA.

Showy for beds and borders; they are also known as Rose of Heaven, Rose Champion, etc.; hardy annual.
110. **A. Fine, Mixed.** Pkt., 5c.

ALONSOA.

A beautiful cut-leaved plant from Chili; flowers very showy and attractive, produced on spikes; half-hardy annual.
120. **A. Warscewiczii.** Rosy scarlet; ½ ft. Pkt., 5c.

ALYSSUM.

140. **A. Sweet.** Flowers white; 1 ft.; hardy annual. Oz., 25c; pkt., 5c.

141. **A. Tom Thumb.** This is one of the finest plants for edgings and low beds, flowering in unparalleled profusion for months; ½ ft. Oz., 50c; pkt., 5c.

142. **A. Little Gem.** In this distinct variety the plants are of very compact spreading growth; they attain only three to four inches in height, but a single plant will completely cover a circle twelve to fourteen inches in diameter. They begin to bloom very quickly from seed, the plants bearing profusely while quite small. (See cut). Pkt., 10c; oz., 75c.

143. **A. Saxifill Compactum.** Golden yellow flowers; perennial, but bloom the first season from seed; 1 ft. Pkt., 5c.



SWEET ALYSSUM LITTLE GEM. Pkt., 10c.

AMARANTHUS.

Plants are grown entirely for their richly colored foliage and long racemes of curious looking flowers. Half-hardy annuals.

160. **A. Caudatus (Love-lies-bleeding).** Blood-red drooping; 3 ft. Pkt., 5c.

161. **Tri-Color (Joseph's Coat).** Handsome red, yellow and green foliage; 3 ft. Pkt., 5c.

162. **Cruentus (Prince's Feather).** Erect flowering; bright scarlet. Pkt., 5c.

163. **Salicifolius (Fountain Plant).** Of a pyramidal drooping habit; leaves willow-shaped, changing to magnificent hues; 4 ft. Pkt., 5c.

164. **Bi-Color.** Rich brown and yellow. Pkt., 5c.

165. **Marguerite.** Charming dwarf plant; a free bloomer, commencing to flower in a month after the seeds are up; long, graceful shafts of flowers of purple color. Pkt., 5c.

AMPELOPSIS (Japanese or Boston Ivy.)

180. **A. Veitchii.** Clings firmly upon any surface, and can be confined to any limit by pruning. Leaves olive green, which turn to scarlet in the autumn; the best kind of a plant for covering unsightly objects; 50 ft. Hardy perennial. Oz., 35c; pkt., 10c.

ANAGALLIS (Pimpernel).

Very desirable for small beds, edgings, rockwork, baskets or borders; a constant and profuse bloomer. Half-hardy annual.

200. **A. Grandiflora Mixed.** White, blue and deep vermilion red; ½ ft. Pkt., 5c.

ANTIRRHINUM (Snap Dragon).

One of our very best perennials; blooms abundantly the first summer until after frost. Flowers are large, finely shaped and of the most brilliant colors. Hardy perennial.

220. **A. Nanum, Mixed.** Finest dwarf Tom Thumb; very rich colors; 1 ft. Pkt., 5c.

221. **Majus, Mixed.** Tall varieties; fine assortment; 2 ft. Pkt., 5c.

AQUILEGIA (Columbine).

This plant blooms early in the spring and summer and produces beautiful, curiously formed and variously colored flowers; hardy perennials.

240. **A. Single.** All colors mixed; 2 ft. Pkt., 5c.
 241. **A. Double.** All colors mixed; 18 in. Pkt., 5c.
 242. **A. Chrysanthia (Golden Spurred Columbine).** This is one of the finest perennials for the border ever grown. Flowers of the most intense primrose yellow throughout, with long slender spurs; fragrant and exceedingly showy. Pkt., 10c.
 243. **A. Chrysanthia Alba (New Pure White Spurred Columbine).** This pure white variety has flowers of the largest size, pure snow white, with long spurs of elegant shape, and borne in lavish quantity. Pkt., 15c.
 244. **A. Skinneri.** A magnificent columbine, with crimson sepals, lined with light green, and light green petals and long, straight, crimson spurs. One of the finest. Pkt., 10c.
 245. **A. Cœrulea.** Flowers are very large, violet blue, and inner petals pure white; 2 ft. Pkt., 10c.

ARISTOLOCHIA (Dutchman's Pipe).

An attractive quick growing, hardy perennial, with large heart shaped leaves and flowers of singular formation, resembling a pipe; 3 ft.

260. **A. Siph.** Flowers brownish purple. Pkt., 10c.
 261. **A. Elegans.** A rapid growing climber with very novel flowers; color, externally, white veined with purple; internally, rich, purplish brown, irregularly marked with white. The blossoms are borne profusely, even on small plants. Pkt., 20c.

ARGEMONE (Prickly Poppy).

Grows well in any garden soil; plants bear large flowers resembling a single poppy; the foliage is large, of a bright green color, sparsely covered with slender prickles. Hardy annual.

280. **A. Grandiflora.** White; handsome; 2 ft. Pkt., 5c.
 281. **Argemone.** Fine mixed. Pkt., 5c.

ARMERIA. (See Pink.)

290. **A. Maritima.** A very handsome, compact growing plant, well adapted to rock-work, edgings, etc.; flowers rosy pink. Hardy perennial; ½ foot. Pkt., 10c.



SATIN WHITE QUEEN ASTER. Pkt., 15c.

NEW DWARF QUEEN ASTER.

This is pronounced by all who have seen it as the finest aster ever introduced.

The dwarf, bushy plants grow only ten to twelve inches high, and, while branching very freely, the branches are upright (not loose in habit), make a dense, compact bush, excellent for pot culture as well as for bedding. For many purposes, and particularly for culture in pots, we consider the habit of growth is more desirable than any variety heretofore introduced. The flowers are of extraordinary size, perfectly double and resemble the finest Victoria Asters in form.

335. **Satin White Queen.** Spotless white, . . . Pkt., 15
 336. **Crimson Queen.** Rosy crimson, . . . " 15

ASTERS.

Not only the most popular, but the most effective in the entire list. While most easy of culture, there is no flower which combines so much beauty and variety of color and shape and habit as the modern aster. For a late summer or fall display they have no successful rival. Give them a rich soil, and in hot, dry weather they should be mulched and well watered.



TRUFFAUT'S PÆONY PERFECTION ASTER.

Truffaut's Pæony Perfection Aster. A very favorite type. Thrifty, upright plants; large, fine flowers, with long incurved petals. The florists' aster and one of the finest.

		PER PKT.
320.	A. Pæony Perfection. Finest mixed, . .	10
321.	" " Satin white, . . .	10
322.	" " Crimson, . . .	10
323.	" " Dark blue, . . .	10
324.	" " Violet with white, 10	
325.	" " Rose " " " 10	
326.	" " White " " " 10	

DWARF CHRYSANTHEMUM FLOWERED ASTERS.

Plants only ten to twelve inches high; producing flowers of the largest size and choicest colors.

327.	A. Chrysanthemum Flowered. Mixed, . .	10
328.	" " Pure white, . . .	10

VICTORIA ASTERS.

A magnificent race of asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across and from twenty to thirty in a single plant; fifteen to eighteen inches high.

329.	A. Victoria. Choice mixed,	10
330.	" " Pure White,	10

GERMAN QUILLED ASTER.

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

331.	German Quilled. (Betteridge's Prize). Mixed, 5	
332.	" " Pure white,	5

NEW PEARL ASTER.

This entirely new and distinct class of asters is superior to most other types. The plants form handsome pyramids about fifteen inches high and are literally covered with a mass of the most perfect flowers, round in shape, and three and one-half to four inches in diameter, finely and fully imbricated, and borne on long stems. They are most admirably adapted for pots and borders and especially valuable for cut flowers.

337.	New Pearl. Mixed,	Pkt., 15
338.	" " Pure white,	" 15

CROWN ASTER.

339. The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, 18 inches to 2 feet. Pkt., 10c.; 3 pkts., 25c.

✻ BALSAM ✻

(Lady Slipper, Touch Me Not.)

Our collection embraces all the most improved kinds, and there have certainly been great improvements made in varieties within the last few years. The largest and best double flowers are secured by first sowing in a seed bed and then transplanting them where they are to grow. Hardy annuals; 2 ft.

380. **B. Extra Double, White.** This is the handsome, double white balsam so much grown by florists. Very choice. Oz., \$2.00; pkt., 10c.

381. **The King.** Brilliant scarlet; very double. Oz., 75c; pkt., 10c.

382. **New Challenger Prize.** The flowers are of wonderfully large size and perfect shape, colors brilliant and varied, comprising pure white, lemon, salmon, rose, crimson, deep pink, purple, mottled and striped. Pkt., 10c.

383. **Camellia Flowered.** Very double and beautiful colors; perfect form. Oz., 80c; pkt., 10c.

384. **Double.** Extra choice, mixed. Oz., 40c; pkt., 5c.

385. **Double Solferino.** Very beautiful, white ground, striped and streaked with lilac and scarlet. Oz., 60c; pkt., 10c.

386. **Royal Camellia Prize.** This is the most magnificent strain of perfectly Double Balsams ever introduced. The flowers are wonderfully large size and perfect shape, of exquisite shades of pure white, white shaded with pale lemon, cream white, salmon, rose, rich crimson, deep pink, violet, bright purple, and a great variety of superbly mottled varieties. Pkt., 10c.

387. **Peach Blossom.** Beautiful. Pkt., 10c.

ARNEBIA CORNUTA.

295. This charming novelty from Asia forms a dense globular bush, with a diameter of about two feet. Its curious and exceedingly beautiful flowers expand daily in succession and in great abundance. They are of an agreeable rich yellow and marked with fine large black spots, which turn to deep maroon on the second day and entirely vanish on the next day, becoming a clear yellow. It flowers with unusual profusion during the whole of the summer and from one hundred to one hundred and fifty spikes of flowers may be seen on one plant. Cut flowers placed in water retain their freshness for about ten days. The species is highly effective whether planted singly or in masses and for bouquets, etc. **CULTURE.**—Sow in heat in February, in light mould, and plant out in the open ground at the end of April, giving a space of one and one-half feet each way. It thrives best in unmanured soil. Pkt., 20c.

ASPERULA.

A profuse blooming plant, bearing many clusters of small, sweet scented flowers; very pretty for bouquets. Hardy annual.

300. **A. Orientalis.** Sky blue; $\frac{3}{4}$ ft. Pkt., 5c.

301. **A. Setosa.** Sky blue. Pkt., 5c.

AURICULA.

A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. Hardy perennial; $\frac{1}{2}$ ft.

350. **A. Extra Choice Mixed.** From a prize collection. Pkt., 15c.

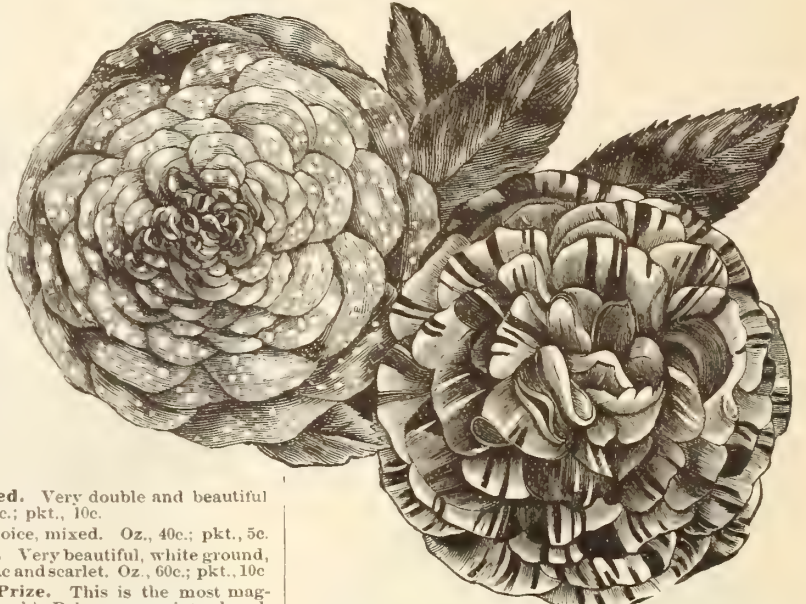
BALLOON VINE (Love in a Puff).

340. **Cardiospermum Halicacabum.** A climbing plant, useful for either inside or out-door decoration; succeeds best in a light, warm situation. Flowers white; 6 ft. Half-hardy annual. Pkt., 5c.

BARTONIA.

Plants of a succulent nature, flowers expanding after the middle of the day, and very fragrant towards evening. The leaves are thistle-like in appearance, and somewhat downy. Should be watered freely during dry weather. Hardy annual.

360. **B. Aurea.** Flowers very bright yellow. 2 ft. Pkt., 5c.



ROYAL CAMELLIA PRIZE BALSAM. Pkt., 10c.

BEGONIA.

As bedding plants there is nothing to equal the New Tuberous Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose.

420. **B. Tuberous Rooted, Single, Mixed.** Containing the greatest variety of shades, from pure white through all the tints of cream, yellow, orange, pink, red and scarlet. Pkt., 25c.

421. **B. Tuberous Rooted, Double, Mixed.** Exquisite double kinds. Pkt., 25c.

422. **B. Rex Hybrida, Mixed.** Beautiful varieties, variegated foliage. Pkt., 25c.

423. **BEGONIA CREDNERI.** A perfectly distinct new variety originated by hybridizing *B. Scharffiana* and *Metallica*. Its graceful habit is similar to the former species, while in shape and coloring of the foliage it resembles the *B. Metallica*. The flowers hang in large umbrella-like clusters. The plants attain a height of two to three feet, and produce a profusion of bloom that is astonishing; the leaves are dark green, of a metallic gloss and hairy on surface, dark red underneath, six inches broad by eight inches in length. The color of the individual flowers is snowy white on the inside of the petals, while the reverse is thickly set with fine red hairs, thus forming a most striking and beautiful contrast. Pkt., 15c.

426. **B. Vernon.** (*Semperflorens Atropurpurea*). See Novelties, page 89 Pkt., 15c.

BRACHYCOME.

460. **B. Iberidifolia** (*Swan River Daisy*). An erect growing plant, covered the entire season with pretty flowers about one inch in diameter; mixed colors in blue and white with a dark centre; 1 ft. Half-hardy annual. Pkt., 5c.

BROWALLIA.

The *Browallia* is valuable alike for blooming during the winter in the house, as well as bedding out during the summer. Remarkably free and attractive bloomers. Half-hardy annual.

470. **B. Elata Cœrulea Grandiflora.** Pale blue; $\frac{1}{2}$ ft. Pkt., 5c.

471. **B. Elata Alba.** Pure white; $1\frac{1}{2}$ ft. Pkt., 5c.

472. **B. Roezli, Mixed.** An exceedingly pretty species flowers double the size of the preceding varieties, and forms a dense, compact bush; flowers azure blue and white with a yellow centre; 2 ft. Hardy annual. Pkt., 10c.

CACALIA (Tassel Flower).

Small, pretty plants with tassel-like flowers, keeping in bloom from early summer until autumn; $1\frac{1}{2}$ ft. Hardy annual.

480. **C. Mixed.** Golden yellow and scarlet. Pkt., 5c.

481. **C. Coccinea.** Scarlet. Pkt., 5c.

CACTUS.

483. **C. Mixed.** There is a great deal of pleasure in raising Cacti from seed. In the seed we offer there is a mixture of some twenty varieties. Pkt., 15c.; 2 pkts., 25c.; 10 pkts., \$1.00.

CALAMPELIS.
(*Eccrenocarpis*.)

490. **C. Scabra.** A quick growing evergreen climber, bearing profusely clusters of orange colored tube-like flowers. Half-hardy perennial; 10 ft. Pkt., 5c.

CALANDRINIA.

Pretty plants with succulent stems and fleshy leaves; splendid for edgings and rockeries.

500. **C. Grandiflora.** Beautiful rose; 1½ ft. Hardy annual. Pkt., 5c.

501. **Umbellata.** Dazzling magenta crimson; 1 ft. Half-hardy biennial. Pkt., 5c.

CALCEOLARIA.

Now recognized as one of the grandest plants in existence, producing masses of pocket-like flowers; a universal favorite for decorating the greenhouse and conservatory early in the spring.

520. **C. Hybrida Grandiflora, Tall Mixed.** The finest large flowering and most floriferous sort of the richest colors; 20 in. Pkt., 25c.

521. **C. Hybrida Grandiflora Pumila Compacta, Mixed.** A new strain of dwarf, compact and strong growing sorts, producing large and brilliant self-colored and spotted flowers; 1 ft. Pkt., 40c.

522. **C. Rugosa.** Small flowering varieties for bedding, of the finest colors; 2 ft. Pkt., 40c.

CALENDULA (*Marigold*).

Very free and attractive bloomers, growing well in almost all situations. Hardy annuals.

540. **C. Officinalis Meteor.** A splendid large flowering variety, double striped, of a deep orange on a pale yellow ground; 1 ft. Pkt., 5c.; oz., 20c.

541. **Prince of Orange.** A novelty surpassing in beauty C. Meteor, the florets being striped with a more intense shade of orange; 1 ft. Pkt., 5c.; oz., 20c.

542. **Ranunculoides, Fl. Pl.** (*Cape or Garden Marigolds*.) Deep orange color; 1 ft. Pkt., 5c.

543. **Calendula.** Fine mixed. Pkt., 5c.; oz., 15c.

COREOPSIS, or CALLIOPSIS.

Very showy, free flowering plants, natives of this country; fine for borders and beds, easily cultivated. Hardy annuals.

560. **C. Drummondii.** Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.

561. **C. Atrosanguinea.** Dark crimson; 2 ft. Pkt., 5c.

562. **C. Mixed.** Embracing the most showy colors. Pkt., 5c.; oz., 20c.

563. **Coreopsis Lanceolata.** The flowers of this charming new hardy perennial are borne on long stems, are of a lovely bright golden yellow color, remain in perfection a long time when cut, and are a charming flower for ladies' wear. Pkt., 10c.



CALLIOPSIS GOLDEN WAVE. Pkt., 5c.

564. **Calliopsis Golden Wave.** For a mass of bright color, this is probably the most effective of all annuals. It is indeed a wave of gold. (*See Cut*). Pkt., 5c.; oz., 25c.



CACTUS. Pkt., 15c.

CALLIRHOE.

580. **C. Involucrata.** Flowers beautiful crimson, begin to bloom when quite small and continue in bloom the entire summer and autumn; ½ ft. Hardy perennial. Pkt., 10c.

CAMPANULA (*Bell Flower*).

Very attractive plants with pretty bell shaped flowers; of very easy cultivation.

600. **C. Speculum** (*Venus' Looking Glass*). Pretty blue, ½ ft. Hardy annual. Pkt., 5c.

601. **C. Media, Single Mixed** (*Canterbury Bells*). Beautiful large, bell-shaped flowers; handsome for border or pot culture; 2½ ft. Hardy biennials. Pkt., 5c.

602. **C. Media, Double Mixed.** All the finest double varieties, 2½ ft. Hardy biennials. Pkt., 5c.

603. **C. Carpatica. Mixed.** Free flowering, blue and white; bloom the whole season; ¾ ft. Hardy perennial. Pkt., 5c.



NEW CAMPANULA CUP AND SAUCER. Pkt., 15c.

604. **THE CUP AND SAUCER CAMPANULAS** are a very striking and beautiful variety of *Canterbury Bells*. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 15c.; 2 pkts., 25c.

605. **C. PUNCTATA, NEW SPOTTED BELL FLOWER.** An elegant, new, perfectly hardy perennial, about 1½ feet high. The pendulous bell shaped flowers are milk white, dotted and striped with red on the inner surface and as large as the well-known *Canterbury Bells*. A splendid cut flower of elegant and graceful appearance in vases or bouquets. Pkt., 15c.

CANDYTUFT.

(*Iberis*.)

Favorite plant of the easiest culture, useful for growing in beds or masses; bloom long and freely. Hardy annuals.

620. **I. Fragrant** (*Pectinata*). Pure white, pinnated foliage; 1 ft. Pkt., 5c.; oz., 20c.

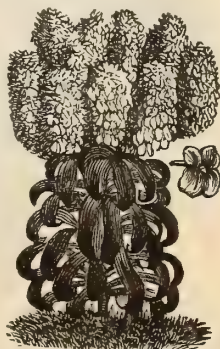
621. **Crimson.** Very beautiful; 1 ft. Pkt., 5c.

622. **WHITE ROCKET** (*Amara Grandiflora*). Large trusses of pure white flowers; 1 ft. Pkt., 5c.

623. **White Tom Thumb** (*Hybrida Nana*). A new dwarf variety, growing about six inches high, branching into a handsome bush, about sixteen inches in diameter. Pkt., 10c.

624. **Fine Mixed.** Comprising all the choicest tall growing varieties; 1 ft. Pkt., 5c.

625. **C. NEW EMPRESS.** One of the finest varieties of recent introduction. It is intermediate in height between the old Rocket and the newer Tom Thumb sort. The plant is of a very branching habit, and assumes when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.



EMPRESS CANDYTUFT.

CARNATION, OR PICOTEE PINK.

(*Dianthus Caryophyllus Flore Pleno.*)

660. **C. Grenadin.** Blooms much earlier than any other Carnation; more floriferous; larger and finer double flowers, which are of a brilliant scarlet color; 1 ft. Pkt., 15c.

661. **Finest German Double, Mixed.** Saved from extra choice named double flowers; 1½ ft. Pkt., 25c.

662. **Fine Double, Mixed.** Comprising the hardiest and best varieties for garden culture; 1½ ft. Pkt., 10c.

663. **C. Marguerite.** Without exception these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though if intended specially for winter flowering, it will be better to sow later in the season. The plants are compact and robust in habit, supporting themselves without the use of unsightly stakes. (See cut.) Pkt., 10c.; 3 pkts., 25c.

664. **C. Finest Double Striped.** Pkt., 15c.

665. **New Guillard Pinks.** See Novelties, page 81. Pkt., 20c.

CEDRONELLA.

670. **C. Cana.** An interesting evergreen plant from New Mexico, with fragrant foliage and long spikes of crimson flowers; 2 ft. Hardy perennial. Pkt., 10c.

CENTAUREA (Dusty Miller).

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **Candidissima.** Attractive, silvery, cut leaves. Half-hardy perennials; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves. Half-hardy perennials; 1½ ft. Pkt., 10c.

687. **Cyanus, Mixed (Blue Bottle or Corn Flower).** Beautiful flowers in bloom all summer; pretty shades of white, blue and deep rose. Hardy annual; 1½ ft. Pkt., 5c.



DWARF LARGE FLOWERING FRENCH CANNAS.
Mixed, pkt., 10c.; 3 pkts., 25c.



Pkt., 10c.; 3 pkts., 25c.

CELOSIA (Cockscomb).

Interesting and brilliant plants of tropical origin, which never fail to please the grower and attract attention; one of the most satisfactory plants for garden decoration. Half-hardy annuals.

675. **C. Cristata, Dwarf Crimson.** Large velvet-like combs; 1 ft. Pkt., 5c.

676. **Cristata Variegata.** Brilliant combs of crimson and gold; 3 ft. Pkt., 5c.

677. **Japonica.** A distinct handsome variety, combs of the most brilliant scarlet and ruffled like lace; 2½ ft. Pkt., 5c.

678. **Glasgow Prize.** Very fine dwarf variety; brilliant crimson comb, and handsome dark variegated foliage; 1 ft. Pkt., 10c.

679. **Cristata.** Finest mixed. Pkt., 5c.

680. **C. Queen of the Dwarfs.** A very dwarf variety, growing only eight inches high, with combs seven to ten inches across of a rich dark rose color, of very even growth. A fine bedding sort. Pkt., 10c.

681. **C. Plumosa.** Of bushy, pyramidal growth, each branch being tipped with a spike of bright crimson flowers; very fine. Pkt., 10c.

CANNAS.

645. **Dwarf Large-Flowered French.** In this new class of Cannas, the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Seed sown in a hot-bed or greenhouse from January to April will produce flowering plants in July. (See cut.) Mixed. Pkt., 10c.; 3 pkts., 25c.

640. **C. Marechal Vaillant.** Foliage rich maroon; large bright orange flowers; 5 ft. Pkt., 5c.

641. **Tricolor.** Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Oz., 75c.; pkt., 5c.

642. **Finest Mixed.** Embracing twenty of the best sorts. Oz., 40c.; pkt., 5c.

643. **C. Gigantea.** 8 ft. Pkt., 5c.

CENTRANTHUS.

Will grow freely in any garden soil; flowers produced in clusters, and bloom freely; hardy annual.

690. **C. Mixed.** Red and white; 1½ ft. Pkt., 5c.



COBEA SCANDENS. Pkt., 10c.

CHRYSANTHEMUMS.

700. **C. Gladstone.** A new and beautiful English variety, flowers rich crimson, great size and perfect form; profuse bloomer. Hardy annual; 1 ft. Pkt., 10c.

701. **The Sultan.** Flowers are a rich velvet crimson maroon, with gold colored rim about one-quarter inch deep next to the centre; 1½ ft. Hardy annual. Pkt., 5c.

702. **Burridgeanum.** Crimson with white edge and inner white circle; very pretty; 1 ft. Hardy annual. Pkt., 5c.

703. **Carinatum (Tricolor) "Eclipse."** Resembles *C. Burridgeanum*, but surpasses it greatly by its striking colors of great beauty, which are a pure golden yellow with a purplish scarlet ring on the ray florets, the disc being a dark brown; 1 ft. Hardy annuals. Pkt., 5c.

704. **Selected, Mixed.** Comprises a full assortment of the prettiest single and double sorts. Hardy annuals. Pkt., 5c.

705. **New Double Japanese and Chinese, Mixed.** These superb flowers present many odd and beautiful types, frequently measuring six inches in diameter, with broad petals deeply incurved, varying in color from pure white to pale pink, crimson, maroon and rich orange brown. Pkt., 20c.

706. **LORD BEACONSFIELD.** An exceedingly handsome and wonderfully brilliant variety. The flower is very large and perfect in form; color a rich crimson maroon edged and striped with gold and having a golden rim surrounding the eye. Pkt., 10c.

707. **C. Corinarium.** Double white and yellow, fine. Pkt., 10c.

708. **C. MAXIMUM.** This new variety is a grand addition to our collection of choice hardy perennials. Its beautiful snow white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 10c.; 3 pkts., 25c.

709. **CHOICE DOUBLE HYBRIDS.** The seed we offer of this most popular and grand autumn flower is saved by Messrs. Pitcher and Mandy from their immense collection of Prize Winners. After exhibition they are set aside and hybridized by artificial and other means, to produce seed which has become crossed with other good kinds. This collection is recognized by all authorities as the most select in the country, more distinct and new varieties of worth having been distributed from this establishment than from any other firm in the world. This seed may be depended upon as surely producing many prize winners. Pkt., 20c.; 3 pkts., 50c.; 7 pkts., \$1.00.

CINERARIA (Cape Aster).

Very attractive, free blooming greenhouse plants, blooming during the winter and spring months. Though perennials, they do better when treated as tender annuals.

720. **C. Hybrida Grandiflora, Prize, Tall Mixed.** Extra selected seed, unsurpassable in quality and beautiful brilliant colors; 2 ft. Pkt., 40c.

721. **Hybrida Grandiflora, Prize Dwarf, Mixed.** Produce the same large and brilliant flowers as the above variety, but only grow about 1 ft. high. Pkt., 40c.

722. **Hybrida Double, Mixed.** Possesses all the varied hues of the hybrid tall and dwarf varieties; 2 ft. Pkt., 25c.

CINERARIA (Dusty Miller).

740. **C. Maritima Candidissima.** Large silvery, deeply cut foliage. Pkt., 10c.

741. **Acanthifolia.** Beautifully cut silvery foliage; harder than the above; 1 ft. Pkt. 10c.

CLARKIA.

An old favorite plant, growing well in any garden soil. Seed can be sown either in September or early spring. Hardy annual.

760. **C. Single and Double, Mixed.** Beautiful snow white, rosy crimson and deep rose; 1½ ft. Pkt., 5c.

761. **C. Elegans, Purple King.** Pkt., 5c.

CLEMATIS.

780. **C. Jackman's Large Flowering Hybrids.** The flowers will average three inches in diameter, ranging through all conceivable shades of purple, violet, porcelain, blue and white. Hardy perennial; 10 ft. Pkt., 20c.

781. **Coccinea.** Of slender habit, tubular flower, deep vermillion on outside and yellow within. Hardy perennial; 10 ft. Pkt., 15c.

782. **Virginiana.** Greenish white, fragrant flowers; dies down to the ground in winter, but starts up in spring. Hardy perennial; 20 ft. Pkt., 10c.

783. **Flammula.** A luxuriant climber, with large clusters of small white, sweet scented flowers; 15 ft. Pkt., 10c.

CLEOME (Spider Flower).

790. **C. Speciosissima.** The stamens of this strange looking, rose colored flower resembles the legs of a spider. Half-hardy annual; 3 ft. Pkt., 5c.

791. **Cleome Pungens (Giant Spider Plant).** This is a showy, robust growing plant, four to five feet high, producing long curious spikes of flowers of bright rose color with long antennae-like stamens, giving a very graceful cloud-like effect. Pkt., 10c.

CLIANTHUS (Australian Glory Pea).

800. **C. Dampieri.** A beautiful plant with brilliant, rich scarlet, pea shaped flowers, with an intense black spot in each centre. Greenhouse perennial; 4 ft. Pkt., 10c.

CLINTONIA.

820. **C. Elegans.** A pretty blue flower, similar in shape to the Lobelia. Splendid for hanging baskets or rock-work, or damp shady situations. Hardy annual; 1 ft. Pkt., 5c.

COBEA.

840. **C. Scandens.** A beautiful rapid growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to a beautiful deep violet blue. Half-hardy perennial; 20 to 30 ft. (See cut.) Pkt., 10c.

COLEUS.

860. **C. American Hybrids.** Mixed. Seed saved from the finest hybrid sorts; remarkable for their brilliant and varied foliage. Pkt., 15c.

861. **C. New Hybrids.** Choicest new varieties. Pkt., 25c.

COLLINSIA.

A pretty, free blooming plant with various colored flowers, white, pink, violet, purple, blue and gray blue. Hardy annual.

880. **C. Mixed.** 1 ft. Pkt., 5c.

COMMELINA.

900. **C. Cœlestis.** An erect plant, producing pretty sky blue flowers in great profusion. Roots should be preserved like dahlias; its beauty will increase from year to year; 1½ ft. Half-hardy herbaceous perennial. Pkt., 5c.

CONVOLVULUS (Morning Glory).

The most popular annual in cultivation. The dwarf varieties are very pretty for bedding, hanging baskets and vases. Hardy annual.

920. **C. Tricolor Roseus.** Beautiful rose color, with pure white centre, fringed with purple shading towards the throat with five broad bands of golden yellow; 1 ft. Pkt., 5c.

921. **Major, Mixed.** Finest colors; 15 ft. Oz., 15c.; pkt., 5c.

922. **Mauritanicus.** A beautiful trailing plant, with rich blue flowers; 1 ft. Pkt., 10c.

923. **New Crimson Violet.** 1 ft. Pkt., 5c.

924. **Minor, Mixed.** All colors; 1 ft. Pkt., 5c.



COSMOS HYBRIDUS. Mixed. Pkt., 10c.; 3 pkts., 25c.

Cosmos Hybridus. (See cut.)

930. Plants four to six feet high; literally covered in the autumn with large single flowers. A group in bloom is a gorgeous sight. Colors range through shades of rose, purple, flesh and white. Pkt., 10c.; 3 pkts., 25c.

931. **C. Pearl.** Beautiful snow white. Pkt., 10c.

Cuphea (Cigar Plant).

When planted outside will bloom all summer; on the approach of frost they may be removed to the conservatory, where they will continue to bloom the entire winter. Half-hardy perennial.

940. **C. Hookeriana Grandiflora Superba.** Beautiful vermillion and orange color; 4 ft. Pkt., 10c.

941. **C. Miniata.** Curious flowers of a bright vermillion, with a centre of reddish violet; 1½ ft. Pkt., 10c.

942. **C. Platycentra.** Scarlet. Very pretty species. Pkt., 10c.

CYCLAMEN.

960. **C. Persicum.** Charming bulbous rooted plants, with beautiful foliage and rich-colored, orchid-like fragrant flowers. If seed is sown early they make flowering bulbs in one season. They require sandy loam; half-hardy perennial; 6 in. Pkt., 15c.

961. **C. Giganteum.** Large flowering varieties; mixed. Pkt., 25c.

962. **C. Giganteum.** Album. Large flowering, pure white. Pkt., 25c.

963. **C. Giganteum.** Rubrum. Large flowering, red. Pkt., 25c.

CYPRESS VINE (Ipomæa Quamoclit).

An elegant climbing plant, with beautiful fern-like foliage and masses of beautiful star shaped flowers; 15 ft. Half-hardy annuals.

980. **Crimson.** Pkt., 5c.

981. **White.** Pkt., 5c.

982. **Mixed.** Pkt., 5c.; oz., 25c.

983. **Scarlet Ivy-Leaved.** Deeply lobed ivy-like leaves; flowers fiery scarlet. Pkt., 5c.

DAHLIA.

1000. **D. Large Flowering Double.** Comprising every known shade of color. Pkt., 10c.

1001. **Single, Mixed.** Saved from the very choicest single varieties. Pkt., 10c.



DOUBLE DAISY SNOWBALL. Pkt., 15c.; 2 pkts., 25c.

DAISY (Bellis Perennis).

1020. **D. Double Mixed.** Extra quality. Pkt., 10c.

1022. **Longfellow.** Very large double, dark rose flowers, borne on long stems. Pkt., 10c.

1023. **Snowball. (See cut.)** Has unusually large double flowers, having very long stems, render it very valuable for cutting; color, pure white. Pkt., 15c.; 2 pkts., 25c.

1024. **New Giant Daisy. (See Novelties, page 84.)** Pkt., 15c.

DATURA (Trumpet Flower).

These Trumpet Flowers, or Thorn Apples, as they are also called, grow two to three feet high, and form a handsome bush covered with deliciously fragrant flowers, until late in the fall.

1440. **D. Fastuosa Huberiana, Mixed.** Large double flowers of various colors. Pkt., 5c.

1042. **D. Fastuosa Alba, Fl. Pl.** Large, double, pure white handsome flowers. Pkt., 10c.

1041. **Wrightii (Meteloids).** Handsome, white, single flowers of exquisite fragrance. Pkt., 5c.

DELPHINIUM (Larkspur).

1060. **D. Formosum.** Brilliant, rich, blue flowers, with a white centre; 2½ ft. Hardy perennial. Pkt., 5c.

1061. **Nudicaule.** Bright scarlet flowers, with clear, yellow petals; 18 in. Hardy perennial. Pkt., 10c.

1063. **Imperial Flore Pleno (Emperor Larkspur).** With beautiful long spikes of brilliant, dark blue, tricolor and red striped, double flowers; 1½ ft. Hardy annual. Pkt., 10c.

1064. **Finest Mixed Hybrids.** A fine collection of twenty sorts; 2 ft. Pkt., 5c.

1065. **Dwarf German Rocket.** Hyacinth flowered larkspur, mixed. Pkt., 5c.

1066. **D. Elatum.** Bee Larkspur. Pkt., 5c.

DELPHINIUM—Continued.

1067. **D. Chinensis.** Blue Larkspur. Pkt., 5c.

1068. **D. Sulphureum.** A most beautiful sulphur yellow Delphinium. One of the most beautiful hardy perennials grown. Flowers resemble the finest orchids. Pkt., 10c.



DIANTHUS LACINIATUS, FLORE PLENO. Pkt., 5c.

DIANTHUS (Pinks).

1080. **D. Chinensis, Fl. Pl. (China Pink).** Extra large, double fragrant flowers, mixed; 1 ft. Hardy annual. Pkt., 5c.

1081. **Heddewigii Diadematis, Fl. Pl. (Double Diadem Japan Pink).** Densely double flowers, three inches in diameter; beautiful tints of crimson, lilac, purple, outer edges fringed with white; 6 in. Hardy annual. Pkt., 5c.

1082. **Scoticus, Fl. Pl. (Scotch Pinks).** Flowers with fringed edges; mixed colors; 1 ft. Hardy perennial. Pkt., 25c.

1083. **Plumarius, Fl. Pl. (Finest Double Garden Pink).** Hardy perennial. Pkt., 10c.

1084. **D. Imperialis.** Double imperial pink. Pkt., 5c.

1085. **D. Laciniatus Fl. Pl. (Double Fringed Japan Pink).** Large, double, showy flowers, with fringed edges, mixed, various colors and beautifully striped. Pkt., 5c.

DIGITALIS (Foxglove).

1120. **D. Mixed.** Long spikes of beautiful thimble shaped flowers; 3 ft. Hardy perennial. Pkt., 5c.

NEW GIANT AMERICAN COWSLIP.

(Dodecatheon Clevelandi.)

1130. A beautiful perennial, native of California. It throws up flower stalks surmounted by beautiful cyclamen-like flowers of the loveliest shade of violet blue, with yellow and black centres. It is perfectly hardy, but does best in shade. Pkt., 10c.

DOLICHOS (Hyacinth Bean).

1140. **D. Giganteus.** A beautiful climbing plant of free growth, producing clusters of beautiful purple flowers; 20 ft. Tender annual. Oz., 25c.; pkt., 5c.

1141. **D. Purpurea.** Pkt., 5c.

ERYSIMUM (Hedge Mustard).

1160. **E. Perofskianum.** Large clusters of beautiful deep red, very showy orange flowers, resembling a single wallflower; 1½ ft. Hardy annual. Pkt., 5c.

ESCHSCHOLTZIA (California Poppy).

1180. **E. Californica.** Very large, bright yellow flowers, with rich orange centre; 1½ ft. Hardy annual. Pkt., 5c.

1181. **Crocea, Fl. Pl.** Beautiful double, bright orange, scarlet shading to salmon red; 1 ft. Hardy biennial. Pkt., 5c.

1182. **Fine Mixed.** Comprises the finest colors. Pkt., 5c.

1183. **E. Mandarin.** Inner side of the petal rich orange, the outer side brilliant scarlet; when in full bloom the plants of this charming novelty present a gorgeous outline. Pkt., 5c.

EUPATORIUM.

1200. **E. Fraseri.** Snow white flowers, blooming the first season from seed; 1½ ft. Perennial. Pkt., 5c.

EUPHORBIA (Snow on the Mountain).

1220. **E. Variegata.** A pretty foliage plant, with white and green variegated bracts; 2 ft. Hardy annual. Pkt., 5c.

1221. **E. Heterophylla (Mexican Fire Plant, or Fire on the Mountain).** This glorious novelty is an annual of the easiest culture, forming bushy plants three to four feet high, with glossy green fiddle shaped leaves, which form at the ends of the branches into large whorls and bracts, among which small green flowers appear in summer, and immediately after the leaves commence to color up. The smaller bracts among the flowers are of a brilliant orange scarlet, and the large surrounding leaves soon become blazed with a darker fiery scarlet so that only a tip of green is left. Pkt., 10c., 3 pkts., 25c.

EUTOCA.

1230. **E. Viscida.** Pretty dark blue flowers; will keep fresh for several days; 2 ft. Hardy annual. Oz., 25c.; pkt., 5c.



HELICHRYSUM. Pkt., 5c.

EVERLASTINGS.

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downwards.

1240. **Acroclinium Roseum, Fl. Pl.** Bright rose, double; larger than the old sorts; 15 in. Half-hardy annual. Pkt., 5c.

1241. **Ammobium Alatum Grandiflorum.** A leading everlasting; flowers very large and pure white color. Hardy annual. Pkt., 5c.

1242. **Gomphrena, Mixed (Bachelor's Buttons).** Remarkably handsome flowers; comprising pure white, crimson, orange and variegated colors; 2 ft. Half-hardy annual. Pkt., 5c.

1243. **Helipterum Humboldtianum (Sanfordi).** Large clusters of bright, golden yellow flowers; 8½ ft. Hardy annual. Pkt., 5c.

1244. **Helichrysum, Finest Mixed.** Large, beautiful, very double, white, yellow, scarlet; 1½ ft. Hardy annual. Pkt., 5c.

1245. **Rhodanthe, Finest Mixed.** Very rich colors of rose, crimson, purple, carmine and white; 1 ft. Half-hardy annual. Pkt., 5c.

1246. **Xeranthemum.** Leaves silvery, brilliant colors of purple, rose and white flowers, produced on long stems; 2 ft. Pkt., 10c.

FENZLIA.

1260. **F. Dianthiflora.** A very showy profuse flowering little plant. Flowers rosy lilac with orange centre; 3 in. Hardy annual. Pkt., 10c.

FERNS.

1280. **F. Choice Mixture for Greenhouse Cultivation.** Comprising most of the desirable and handsome sorts for this purpose. Pkt., 15c.

1281. **Hardy Mixture.** Comprising twelve of the most desirable hardy sorts for outdoor culture. Pkt., 15c.

GAILLARDIA.

Very attractive plants, producing a profusion of bloom the entire summer and autumn. Half-hardy annuals.

1300. **G. Picta Lorenziana.** Sulphur, golden, bright yellow, orange, claret and amaranth; 1½ ft. Pkt., 5c.

1301. **Hybrida Grandiflora.** Large flowers of rich crimson and yellow; 1½ ft. Pkt., 5c.

1302. **Picta Niana (Painted Lady).** Showy crimson, bordered with yellow; 1 ft. Pkt., 5c.

GERANIUM.

A popular and handsome plant, extensively used for bedding; 1 to 3 ft. Half-hardy perennial.

1320. **G. Zonale, Mixed.** Saved from the largest and finest varieties. Pkt., 10c.

1321. **Apple Scented.** Very fragrant; pretty foliage. Pkt., 25c.

GILIA.

1340. **G. Tricolor.** Flowers orange yellow, with a white margin, separated by a circle of deep purple; 1 ft. Hardy annual. Pkt., 5c.

GLAUCIUM (Horned Poppy).

1360. **G. Carniculatum (Phœniceum).** A very showy plant, with long, graceful, silvery leaves, deeply cut and curled; 1 ft. Half-hardy biennial. Pkt., 5c.

GLOXINIA.

A bulbous rooted plant, producing in great profusion during the summer months, large bell-shaped flowers of the richest and most beautiful variety of brilliant colors; the bulbs must be kept warm and dry during the winter; 1 ft.

1380. **Grandiflora, Mixed.** Pkt. 25c.

1381. **Grandiflora, Erecta, Mixed.** Rich colored, erect flowers. Pkt., 25c.

GLOXINIA—Continued.

1382. **Grandiflora Horizontalis, Mixed.** Rich colored, horizontal flowers. Pkt., 25c.

1383. **Grandiflora Pendula, Mixed.** Rich colored drooping flowers. Pkt., 25c.

1384. **Spotted and Tinged.** Finely spotted and marbled. A fine addition to the varieties. Pkt., 25c.

1385. **New Scarlet Defiance.** The flowers of this most beautiful sort are large, borne upright and of an intense, glowing, crimson scarlet color not before found among Gloxinias. They come true from seed and will certainly please every lover of this charming plant. Pkt., 25c.

GOURDS.

Summer climbers of exceedingly rapid growth and luxuriant foliage, for covering arbors, etc.; they bear fruits known as "Ornamental Gourds," which when allowed to fully ripen on the vines, can be kept for months as curiosities. The forms may be varied by tying strings around the young fruit or by enclosing them in a carved mould while growing, thus stamping on their surface any desired figure or letter which may be carved on the mould; 10 to 30 ft. (See *cul.*)

Mixed Ornamental. A choice assortment. Pkt., 10c; 3 pkts., 25c.

For other varieties of Gourds, see Vegetable List, page 43.



MIXED ORNAMENTAL GOURDS. Pkt., 10c.

GODETIA.

Profuse flowering plants, worthy of more extended cultivation, bloom well in almost any situation.

1400. **G. Lady Satin Rose.** Large, handsome flowers of carmine crimson, petals tinged with pale lilac; 1 ft. Hardy annual. Pkt., 10c.

1401. **Bijou.** A new variety, with snow white flowers and a bright carmine spot on each petal; ½ ft. Hardy annual. Pkt., 5c.

1402. **Choice Mixed.** Pkt., 5c.

1403. **Lady Albemarle.** Flowers three inches across, crimson and carmine, delicately suffused with lilac. Pkt., 5c.

GRASSES (Ornamental).

1440. **Agrostis Nebulosa.** Pkt., 5c.

1441. **Avena Sterilis (Animated Oats);** 2½ ft. Pkt., 5c.

1442. **Briza Maxima (Rattlesnake Grass);** 1 ft. Pkt., 5c.

1443. **Coix Lachrymæ (Job's Tears);** 2 ft. Pkt., 5c.

1444. **Erianthus Ravenæ.** Very ornamental; 10 ft. Pkt., 5c.

1445. **Gynerium Argenteum (Pampas Grass);** 10 ft. Pkt., 10c.

1446. **Hordeum Jubatum (Squirrel-Tail Grass);** Pkt., 5c.

1447. **Zea Japonica Variegata (Variegated Japanese Maize);** Striped gold and white. Pkt., 5c.

1448. **Stipa Pennata (Feather Grass);** 2 ft. Pkt., 5c.

1449. **Eragrostis Elegans (Love Grass);** 1 ft. Pkt., 5c.

1450. **Eulalia Zebrina (Zebra Grass);** 1 ft. Pkt., 5c.

GYPSOPHILA.

Free flowering and elegant plants for rock-work, baskets and borders.

1480. **G. Elegans.** Pretty star shaped, white and pink flowers; ½ ft. Hardy perennial. Pkt., 5c.

1481. **Paniculata.** Produces numerous panicles of small, white, handsome flowers; fine for bouquets; 2½ ft. Hardy annual. Pkt., 5c.

HEDYSARUM (French Honeysuckle).

1500. **H. Coronarium, Mixed.** A very handsome, free flowering plant, producing beautiful racemes of red and white pea shaped flowers; particularly adapted for borders; 3 ft. Hardy perennial. Pkt., 5c.

HELIANTHUS (Sunflower).

A well-known and attractive popular flower of stately growth.

1510. **H. Californicus Plenissimus.** Extra large, double, very showy, saffron colored flowers; fine; 6 ft. Hardy annual. Pkt., 5c.

1511. **Cucumerifolius (Miniature Sunflower).** Of a very pretty branching habit; flowers orange yellow with a black centre; blooming profusely until killed by frost; 3 ft. Hardy annual. Pkt., 5c.

1512. **Globosus Fistulosus (Dahlia Sunflower).** Flowers very double and of medium size; 6 ft. Hardy annual. Pkt., 5c.

HELIOTROPE.

These are deliciously fragrant flowers, remaining in bloom a long time; fine for pot culture or bedding; 1½ ft. Half-hardy annual.

1520. **H. Fine, Mixed.** A choice assortment of the choicest fragrant varieties. Pkt., 10c.

HEUCHERA SANGUINEA.

1530. See Novelties, page 84. Pkt., 15c.



HUMULUS JAPONICUS. Pkt., 10c.

ing the finest shades of orange, straw and buff. Pkt., 10c.
 1562. **Double Pink and Red.** Pkt., 10c.
 1563. **Extra Choice Double Mixed.** Chater's Prize Collection. Pkt., 10c.
 1564. **H. Tokio.** A most beautiful and characteristic Japanese variety, of healthy and luxuriant growth; attaining a height of about five feet, bearing an unusually large number of large double flowers of distinct and picturesque beauty; the petals are beautifully frilled, of rich wine maroon at the base, shading to cherry red and edged white. Its striking effect attracts the attention of the most uninterested. Pkt., 25c.

HONESTY (*Lunaria*).

1580. **L. Biennis** (*Satin Flower*). Pretty single purple flowers; 2 ft. Hardy biennial. Pkt., 5c.

HIBISCUS.

The two varieties mentioned below are fine branching plants, free blooming and of the easiest culture.

1540. **H. Africanus** (*H. Trium*). Very pretty foliage and large cream colored flowers, with brown centre; 2 ft. Hardy annual. Pkt., 5c.

1541. **Palustris.** Beautiful, large pink flowers; 3 ft. Hardy annual. Pkt., 5c.

HOLLYHOCK.(*Althæa Rosea*.)

This is one of the oldest inhabitants of our gardens, and now ranks as one of the finest autumn flowers; 6 ft. Hardy perennial.

1560. **H. Double White.** The newest strain of perfectly double pure white flowers. Pkt., 10c.

1561. **Double Yellow.** Comprising the finest shades of orange, straw and buff. Pkt., 10c.

HUMEA.

1600. **H. Elegans.** When fully grown this is a very attractive, handsome plant, ruby red, grass-like flowers; 8 ft. Half-hardy biennial. Pkt., 10c.

HUMULUS JAPONICUS, or JAPANESE HOP.

1620. A wonderful new annual climber from Japan, growing with great rapidity, and very dense foliage. Color is a lively green. It is undoubtedly one of the best climbers for covering verandas, trellises, etc.; 20 ft. Hardy annual. Pkt., 10c.

IPOMÆA.

Very pretty rapid growing plants with handsome bright colored, trumpet shaped flowers, excellent for covering old walls, stumps, arbors, etc. Half-hardy annuals.

1660. **I. Bona Nox** (*Evening Glory, or Good Night*). Very large white, fragrant flowers; 10 ft. Pkt., 5c.

1661 **I. Coccinea** (*Star Ipomæa*). Handsome little scarlet flowers; 10 ft. Pkt., 5c.

1662. **I. Huberi, Mixed.** Comprising all the new Japanese hybrids; 10 ft. Pkt., 5c.

1663. **I. Hederacea.** Mixed, very fine. Pkt., 5c.

1664. **I. Noctiflora, or Grandiflora Alba** (*White Seeded*). Moonflower. Pkt., 10c.; 3 pkts., 25c.

1665. **I. Heavenly Blue.** (See Novelties, page 82.) Pkt., 15c.; 2 pkts., 25c.

IPOMOPSIS (*Standing, or Tree Cypress*).

Beautiful free flowering plants, with fine foliage. Will bloom the first year from seed if sown early.

1680. **I. Elegans.** Dazzling scarlet flowers; 3 ft. Half-hardy biennials. Pkt., 5c.

1681. **I. Superba.** Dazzling orange flowers; 3 ft. Half-hardy biennial. Pkt., 5c.

KAULFUSSIA (*Charteris Heterophylla*).

1700. **K. Mixed.** The flowers resemble single asters. Violet. Hardy annual; 1 ft. Pkt., 5c.

LANTANA.

1720. **L. Hybrida, Mixed.** Desirable greenhouse or bedding plants, embracing every shade; white, pink, orange and purple. Half-hardy perennial; 2 ft. Pkt., 5c.

LATHYRUS (*Hardy Sweet Peas*).

1740. **L. Latifolius.** A handsome free flowering plant, useful for covering trellises, old stumps, fences, etc. Flowers, a beautiful scarlet. Hardy perennial; 5 ft. Pkt., 10c.

1741. **L. Latifolius Albus.** Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.

1742. **L. Splendens.** This is a fine novelty from California, described as being one of the finest flowers that wonderful country has given us. It bears dense clusters of brilliant deep rose flowers. Pkt., 10c.; 3 pkts., 25c.

IMPATIENS SULTANI.

1640. One of the most distinct and beautiful plants of recent introduction for the warm greenhouse or summer bedding; owing to its gorgeous coloring and profuse and continuous flowering it is rapidly becoming popular. The flowers are of a brilliant rosy scarlet color, about one and a half inches in diameter. Pkt., 15c.; 2 pkts., 25c.

LEPTOSIPHON.

1760. **L. Fine Mixed.** A very pretty plant, well adapted to marginal lines in ribbon beds; $\frac{1}{2}$ ft. Hardy annual. Pkt., 5c.

LINARIA (*Kenilworth Ivy*).

1780. **L. Cymbalaria.** A very handsome, small, neat, trailing plant; admirably suited for baskets. Hardy perennial; 8 ft. Pkt., 10c.

LINUM (*Scarlet Flax*).

1800. **L. Grandiflorum.** A showy bedding plant, with fine foliage, remaining in bloom a long time; 1 ft. Hardy annual. Pkt., 5c.

LOASA.

1820. **L. Aurantiaca.** A rapid growing, free flowering climber with beautiful orange flowers; 4 ft. Pkt., 5c.

LOBELIA.

Handsome little plants, admirably adapted for borders, vases, pots or hanging baskets. Half-hardy annual.

1840. **L. Erinus Crystal Palace Compacta.** A compact, deep blue variety; $\frac{1}{2}$ ft. Pkt., 10c.

1841. **L. Erinus Speciosa Alba Maxima.** Showy white flowers of drooping and spreading habit; $\frac{1}{2}$ ft. Pkt., 5c.

1842. **L. Cardinalis** (*Cardinal Flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 ft. Pkt., 10c.

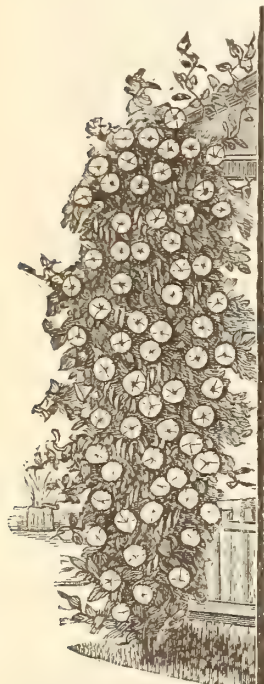
1843. **L. Gracilis.** Light blue; long, slender trailing stems. Pkt., 5c.

1844. **Mixed Finest Erinus, or Trailing Varieties.** Best for baskets, vases, etc. Pkt., 5c.

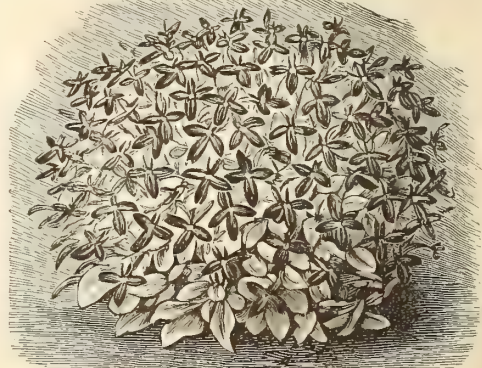
1845. **Mixed Erecta Compacta Varieties.** Best for edgings, ribbon beds, etc. Pkt., 10c.

LOBELIA ERINUS COMPACTA (*Golden Queen*).

1846. A new Lobelia with golden yellow foliage and brilliant blue flowers. This novelty will be a most valuable addition to the list of our bedding plants. The effect of Lobelia Golden Queen in the fulness of its brilliant blue mass of flowers rising above the golden yellow foliage is perfect in appearance. Pkt., 15c.



MOONFLOWER, IPOMÆA NOCTIFLORA. Pkt., 10c.



NEW LOBELIA, GOLDEN QUEEN. Pkt., 15c.

LOPHOSPERMUM.

1860. **L. Scandens.** A highly ornamental climber for the garden or conservatory. Blossoms of a very rich purple and violet color; 10 ft. Half-hardy annual. Pkt., 10c.

LUPINUS (*Sun Dials*).

1880. **L. Mixed.** Highly ornamental; varied colored, free flowering, pea shaped flowers; 2 ft. Hardy annual. Pkt., 5c.

LYCHNIS.

1900. **L. Chalcedonica.** Brilliant scarlet flowers; blooms the first year. Hardy perennial; 2 ft. Pkt., 5c.

MANDEVILLA SAVEOLENS.

1910. An exquisite summer climber, with graceful foliage and great clusters of large, waxy, star shaped blossoms, exquisitely fragrant, resembling the single Tuberose in shape but larger. Pkt., 10c.

MALOPE.

1920. **M. Grandiflora.** A handsome plant with fine, large, dark crimson flowers covering the entire plant the whole season. Half-hardy annual; 1 ft. Pkt., 5c.

MARIGOLD (*Tagetes*).

A very showy and popular plant of easy culture. Half-hardy annual.

1940. **Gold Striped.** The flowers of this beautiful variety are regularly striped with a golden yellow and exquisite chestnut brown; $\frac{1}{2}$ ft. Pkt. 5c.

1941. **El Dorado.** Flowers 3 to 4 inches in diameter; perfectly and extremely double, and embracing every shade; $1\frac{1}{2}$ ft. Pkt., 5c.

1942. **Dwarf French, Mixed.** Seed saved from the choicest double flowers; 1 ft. Pkt., 5c.

1943. **Large African.** Very double flowers, orange brown and yellow. Pkt., 5c.

MIGNONETTE.

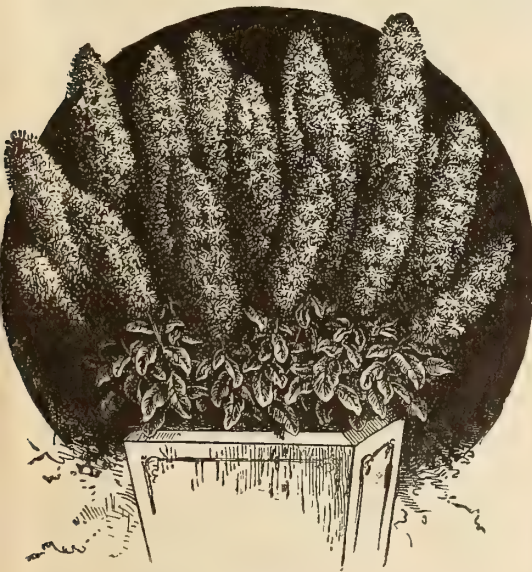
A well-known and universal garden favorite, and one that requires no extra instruction for growing. Hardy annual.

2020. **M. Sweet Scented (*Reseda Odorata*).** 1 ft. Oz., 15c.; pkt., 5c.

2021. **Grandiflora Amellorata.** Petals of a reddish tint; $1\frac{1}{4}$ ft. Oz., 20c.; pkt., 5c.

2022. **Golden Queen.** Flowers golden yellow; $1\frac{1}{4}$ ft. Pkt., 5c.; oz., 50c.

2023. **Parson's White.** Strongly scented, large, well-formed spikes; $1\frac{1}{4}$ ft. Pkt., 5c.; oz., 50c.



MATCHET MIGNONETTE. Pkt., 10c.; oz., 75c.

2024. **Matchet.** Produces long, broad spikes of deliciously scented red flowers; 1 ft. Pkt., 10c.; oz., 75c.

2025. **Bird's Mammoth.** Pkt., 10c.

2026. **Hybrid Spiral.** Pure white; 1 ft. Pkt., 5c.; oz., 50c.

2027. **Giant White Spiral.** This grand mignonette grows two to three feet high, perfectly erect, and the flower spikes of wonderful size and snowy whiteness. Its fragrance is rich and powerful, and will produce much more bloom than any other variety. Seed may be sown in April or May, and it will commence blooming in June. Pkt., 5c.

2028. **M. Improved Victoria.** See Novelties, page 84.

MIMOSA.

2040. **M. Pudica (*Sensitive Plant*).** A curious plant. The leaves will close if touched or shaken; 1 ft. Half-hardy annual. Pkt., 5c.

MARVEL OF PERU (*Mirabilis*).

This is the fine old garden plant known as Four O'Clocks. It succeeds well in any garden soil; a very showy and popular flower. Hardy annual.

1960. **M. Mixed.** Beautiful colors; 2 ft. Pkt., 5c.

1961. **New Dwarf White.** Snowy white flowers and fine yellow foliage; 10 in. Pkt., 5c.

MAURANDIA.

A very graceful climber for the greenhouse, parlor, baskets, or out-door purposes, blooming the first season from seed. Half-hardy perennial.

1980. **M. Alba.** Pure white; 10 ft. Pkt., 10c.

1981. **M. Barclayana.** Very rich violet or purple; 10 ft. Pkt., 10c.

1982. **Mixed.** The finest colors. Pkt., 10c.

MESEMBRYANTHEMUM.

Dwarf growing, profuse flowering plants of great beauty. Half-hardy annual.

2000. **M. Crystallinum (*Ice Plant*).** Flowers white, with ice-like foliage. Pkt., 5c.

2001. **Tricolor (*Wax Pink*).** Very pretty; rosy pink flowers; $\frac{1}{2}$ ft. Pkt., 5c.

MOMORDICA.

2090. **M. Balsamina (*Balsam Apple*).** The fruit when ripe is useful for medicinal purposes. Half-hardy annual; 15 ft. Pkt., 5c.

2091. **M. Charantia (*Balsam Pear*).** Same as the above, excepting that the fruit is longer in shape. Pkt., 5c.

MIMULUS (*Monkey Flower*).

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink, fine for the greenhouse or moist shady situation; half-hardy perennials; blooming the first year from seed if sown early; 1 ft.

2060. **M. Moschatus (*Musk Plant*).** Beautiful yellow flowers; $\frac{1}{2}$ ft. Pkt., 10c.

2061. **M. Cardinalis.** Flowers of a brilliant scarlet hue; hardy; 1 ft. Pkt., 10c.

2063. **M. Tigrinus.** The finest tigered and spotted varieties, rivaling the calceolaria in its brightness; mixed colors. Pkt., 10c.

MINA LOBATA.

2080. Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from eighteen to twenty feet, and constitutes a strikingly beautiful object. Seed should be sown in January or February. Pkt., 15c.; 2 pkts., 25c.

MYOSOTIS (*Forget-Me-Not*).

Popular and beautiful little plants, with neat star-like flowers, blooming the first year from seed. Half-hardy perennial.



MYOSOTIS PALUSTRIS
FORGET-ME-NOT. Pkt., 5c.

2100. **M. Palustris (*The True Forget-Me-Not*).** Beautiful blue flowers; $\frac{1}{2}$ ft. Pkt., 5c.

2101. **Alba.** Pure white; 1 ft. Pkt., 10c.

2102. **Dissitiflora.** Large, dark blue flowers, compact and very early; $\frac{1}{2}$ ft. Pkt., 10c.

2103. **NEW FORGET-ME-NOT VICTORIA.** Grows perfectly round in shape, 5 to 7 inches high and 8 to 10 inches in diameter, and is entirely covered with large umbels of flowers of azure blue. This beautiful forget-me-not is the best of all for edgings and growing in pots for market. Pkt., 10c.

2104. **M. Victoria Rosea.** See Novelties, page 85.

MYRSIPHILLUM (*Smilax*).

2120. **M. Asparagoides.** Beautiful, delicate, wavy, glossy, deep green foliage; 10 ft. Tender perennial. Oz., 60c.; pkt., 10c.

NASTURTIUM.

The dwarf varieties of nasturtium are among the most useful and beautiful annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom. The tall sorts are admirably adapted for rock-work, covering trellises or rustic work. They flower most profusely when planted in a poor soil, and remain in bloom for a long time; stand heat and drought without the slightest effect. The seed, if picked young, is an excellent substitute for capers. Hardy annual.



VASE OF LOBB'S NASTURTIUMS, MIXED. Pkt., 5c.

lighter tint; the two lower ones are spotted and veined with purplish carmine; fine. Pkt., 10c.

2147. **Tom Thumb, Mixed.** Oz., 20c; pkt., 5c.

LOBB'S NASTURTIUMS (*Tropaeolum Lobbianum*).

The leaves and flowers are somewhat smaller than the Tall Nasturtiums, but their greater profusion renders them superior for trellises, arbors, for hanging over vases, rock-work, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory. Half-hardy annual; 4 to 6 ft.

2148. **Asa Grey** (Novelty). The flowers of this new kind represent the lightest shade hitherto obtained among nasturtiums. Pkt., 10c.

2149. **Napoleon III.** Yellow striped, rosy scarlet. Pkt., 5c.

2150. **Roi des Noirs.** Almost black. Pkt., 5c.

2151. **Spitfire.** Fiery red. Pkt., 5c.

2152. **Lobb's Nasturtiums, Mixed.** Pkt., 5c.

TALL NASTURTIUMS.

2153. **Nigro Purpureum.** Very dark maroon. Pkt., 5c.

2154. **Tall Orange.** Oz., 20c; pkt., 5c.

2155. **Tall Scarlet.** Oz., 20c; pkt., 5c.

2156. **Tall, Mixed.** Oz., 20c; pkt., 5c.



DWARF NASTURTIUM, EMPRESS OF INDIA. Pkt., 5c; oz., 25c.

TOM THUMB, OR DWARF NASTURTIUMS.

2140. **Scarlet.** Pkt., 5c; oz., 20c.

2141. **Yellow.** Pkt., 5c; oz., 20c.

2142. **Pearl.** New creamy white. Pkt., 10c; oz., 25c.

2143. **Empress of India.** Splendid, very dark leaves and crimson flowers. Pkt., 5c; oz., 25c.

2144. **King Theodore.** Bluish green foliage, flowers velvet crimson. Pkt., 5c.

2145. **Lady Bird.** A new and distinct sort, rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt., 10c; oz., 30c.

2146. **Aurora** (Novelty). The ground color of this new dwarf variety is chrome yellow, the upper petals being of a

NEMOPHILA (Grove Love).

2160. **N. Mixed.** Flowers bright blue, white margined and spotted; 1 ft. Pkt., 5c.



NICOTIANA COLOSSEA. Pkt., 20c.

NICOTIANA.

2171. **N. Colossea.** Amongst all ornamental foliaged plants coming to perfection the first season from being sown, this novelty ranks foremost. It is an annual (perennial when sown under glass), attaining a height of five to six feet in the open ground. The leaves, of about three feet in length by eighteen to twenty inches in breadth, are erect at first, gracefully bending downward successively. When young, they are downy, and of a reddish tint, changing to a glossy dark green later on, this lovely green contrasting beautifully with the reddish brown ribs. Pkt., 20c.

2170. **Nicotiana Affinis.** It produces splendid pure white Bouvardia-like flowers on long terminal tubes. When its large flowers are fully expanded in the evening and early morning, it has a most striking effect, and so fragrant that a small bed will perfume the whole surrounding atmosphere. Pkt., 10c.

NIEREMBERGIA.

2180. **N. Frutescens.** A very pretty, shrubby plant with white and blue flowers. Half-hardy annual; 1 ft. Pkt., 10c.

2181. **N. Gracilis.** White and purple with yellow centre. Pkt., 10c.

NIGELLA.

2200. **N. Damascena Nana** (*Devil in a Bush*). Double, blue and white; $\frac{3}{4}$ ft. Pkt., 5c.

2201. **Hispanica** (*Love in a Mist*). Deep blue, with blood colored stamens; $1\frac{1}{2}$ ft. Pkt., 5c.

NOLANA.

The plant resembles the portulaca, and the flowers that of the morning glory; $\frac{3}{4}$ ft. Hardy annuals.

2220. **N. Finest, Mixed.** Sky blue, white, yellow and purple. Pkt., 5c.

OBELISCARIA.

2240. **O. Mixed.** A rare plant with showy flowers of rich velvety crimson, edged with yellow. Hardy annuals; $2\frac{1}{2}$ ft. Pkt., 5c.

GENOTHERA (*Evening Primrose, or Sun Drops*).

2260. **O. Biennis** (*Grandiflora, or Lomarekiana*). Showy, large, delicately fragrant, pale, yellow flowers; bloom the first season from seed; 3 ft. Hardy biennial. Pkt., 5c; oz., 20c.

OXALIS.

2271. **O. Rosea.** Flowers delicate rose; $\frac{3}{4}$ ft. Pkt., 5c.

2272. **O. Tropaeoloides.** Flowers deep yellow, foliage dark green, very desirable for borders; $\frac{1}{2}$ ft. Pkt., 5c.

2273. **O. Mixed Varieties.** Pkt., 5c.

PENSTEMON.

One of the most effective free flowering plants for beds or borders. Long spikes of finely shaped and richly colored flowers; grows well in any soil. Half-hardy perennial.

2300. **P. Extra Fine, Mixed.** 2 ft. Pkt., 5c.

PERILLA.

2320. **P. Nankinensis.** A very fine, dark, ornamental leaved foliage plant, similar to coleus. Half-hardy annual; $\frac{1}{2}$ ft. Pkt., 5c.



KINGLY PANSIES.

OUR "CROWNED" COLLECTION.

In this collection we have gathered together an assortment of varieties that for size and color and markings stand unrivalled by any offered. They are "Kings" in their respective colors, and, by growing them separately and planting them out in beds of special patterns, charming effects may be produced.

2280. **P. Imperial German Large Flowering.** Embracing fifty choice prize varieties in every known color and marking. Liberal pkt., 15c.; 2 pkts., 25c.; oz., \$5.00.

2281. **Bugnot's Large Stained.** A new French variety, flowers of enormous size; the colors are extremely varied. Pkt., 25c.; 5 pkts., \$1.00.

2282. **Giant Trimardeau.** Flowers of great size and in an endless variety of beautiful shades. Pkt., 15c.; oz., \$4.00.

2283. **Premium.** Seeds saved from first-class named flowers only. A magnificent strain, embracing the most beautiful colors and finest shades. Pkt., 10c.; oz., \$2.00.

2284. **Pure Yellow.** Pkt., 10c.; oz., \$1.00.

2285. **Snow Queen.** Very large satiny white, yellow centre. Pkt., 10c.; oz., \$1.50.

2286. **Faust.** Coal black flowers. Pkt., 10c.; oz., \$1.25.

2287. **Extra Choice English Mixed.** Oz., \$1.00; pkt., 10c.

2290. **King of the Bronzes.** Pkt., \$0 20

2291. **King of the Striped.** Pkt., 20

2292. **King of the Blotched.** Pkt., 20

2293. **King of the Stained.** Pkt., 20

2294. **King of the Blacks (Not Faust).** Pkt., 20

2295. **King of the Pure Whites.** Pkt., 20

2296. **King of the Golden Yellows.** Pkt., 20

2297. **King of the Blues.** Pkt., 20

2298. **Our Eight Kings, 1 pkt. each.** 1 00

2299. **Our Kingly Collection, Mixed.** Pkt., 25

PETUNIA.

The hybrid sorts are especially fine in mixed borders and beds, while the larger flowering kinds, with their delicate colors and pervading fragrance, are deserving favorites for pot culture.

SINGLE VARIETIES (for Bedding).

2340. **P. Dwarf Inimitable.** Dwarf plants; 6 to 8 inches high; flowers cherry red, with a white centre; splendid for edgings, massing, etc. Pkt., 10c.

2341. **P. Striped and Blotched.** Extra strain. Pkt., 10c.

2342. **P. Alba.** White; suitable for cemetery. Pkt., 5c.

2343. **P. Choice Single Mixed.** ¼ oz., 25c.; pkt., 5c.

SINGLE LARGE FLOWERING SORTS.

The flowers of this class are from 4 to 6 inches in diameter, beautifully marked, veined and spotted.

2345. **P. Grandiflora Venosa.** Large flowering, finest shade of color, beautifully veined. Pkt., 10c.

2346. **P. Grandiflora Fimbriata.** A fine strain with handsomely frilled and fringed flowers. Pkt., 20c.

2347. **P. Yellow Throated.** The flowers are very large and of perfect form, with a broad, deep yellow throat, veined very much like a Salpiglossis. Pkt., 20c.

DOUBLE FLOWERING SORTS.

The seed of these is obtained by artificial fecundation, and about thirty per cent. of double flowers may be expected.

2350. **P. Dwarf Double Liliput** (*Nana Compacta Multiflora*, Fl. Pl.) New double kind, producing bushy plants covered with double flowers, which are partly spotted, blotched and self-colored, making a very pretty plant when in full bloom. (See cut.) Pkt., 25c.

2351. **Flore Pleno.** Best large flowering double in finest mixture. Pkt., 25c.

2352. **Extra Large Flowering, Double Fringed.** This extra choice strain produces about thirty per cent. of splendid double fringed flowers. Pkt., 35c.

2353. **Extra Large Flowering, Double Fringed** (*Lady of the Lake*). This seed will produce about thirty per cent. large, double, pure white fringed flowers. Pkt., 35c.



PETUNIA DOUBLE LILIPUT. Pkt., 25c.



PHLOX, LARGE FLOWERING, MIXED. Pkt., 10c.

PHLOX DRUMMONDI.

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. Hardy annual; 1½ ft.

2360. **Phlox Drummondii, Mixed Colors.** Oz., 50c.; pkt., 5c.

LARGE FLOWERING SECTION.

An improved strain with very large perfectly round flowers, the petals overlapping each other. (See cut).

	Pkt.		Pkt.
2362. Large Flowering, Pure White,	10	2368. Large Red Striped White,	10
2363. Large Chamois Rose,	10	2369. Large Crimson White Eye,	10
2364. Large Brilliant Scarlet,	10	2370. Large Yellow,	10
2365. Large Flowering Blood Red,	10	2371. Large Mixed. Many colors,	10
		Oz., 75c.,	

NEW DWARF PHLOX.

A distinct strain, forming round, compact bushes, about six inches high. Splendid for pot culture and ribbon bedding.

	Pkt.		Pkt.
2372. Dwarf Snowball. Pure white,	10	2374. Violet Spotted White,	10
2373. Dwarf Fireball. Fiery scarlet,	10	2375. Chamois Rose. Fine,	10
		2376. Dwarf Sorts, Mixed,	10

POPPIES.

Showy plants, making a gorgeous display of large brilliant flowers. They are of easy culture; but the seed should be sown where it is to remain, as they will not bear transplanting.

2380. **P. Umbrosum.** Brilliant, deep scarlet, marked with four large black spots. Pkt., 5c.

2381. **P. Mikado (New Striped Japanese Poppy).** The flowers double, white striped crimson, with elegantly curved petals like a Japanese chrysanthemum. Pkt., 10c.

2382. **Carnation Flowered, Mixed.** Splendid, large double flowers. Pkt., 5c.; oz., 20c.

2383. **New Shirley.** Is perfectly hardy and flowers profusely the first season from seed. The colors are pure, soft and varied, and range from bluish white, rose, delicate pink and carmine to a bright sparkling crimson. Pkt., 10c.

2384. **P. SNOWDRIFT.** This charming new poppy produces pure snowy white extremely double flowers of perfect form and large size. Pkt., 10c.

2385. **P. THE BRIDE.** A beautiful new variety with very large fine white flowers of perfect form. Pkt., 10c.

2386. **P. Orientale.** Large oriental poppy; a stately perennial; 2½ ft.; with bold showy flowers. Pkt., 10c.

2387. **P. NEW WHITE SWAN.** The plant of this beautiful poppy forms a dense, freely branching bush two feet in height; above this are elevated the very large flowers. These are of immense size, very double, with beautifully lacinated petals, and of the purest possible white. Pkt., 10c.

2388. **P. Glaucum (New Tulip Poppy).** A glossy new annual poppy, twenty inches high with beautifully shaped large flowers, four inches across, of a most brilliant dark scarlet. The two outside petals are double the size of the inner ones, and each pair forms by itself a round cup of flower which nearly resembles a single tulip. Pkt., 10c.

PORTULACA.

2400. **P. Finest Single, Mixed.** A large variety of the most brilliant colors. Pkt., 5c.; oz., 40c.

2401. **Double Rose Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

PRIMULA (Primrose).

2420. **P. Fimbriata Sinensis, Mixed.** Extra choice, mixed. Very large magnificent flowers of the richest and most varied colors. Pkt., 25c.

2421. **Fimbriata Flore Pleno, Mixed.** An exceedingly choice strain of double varieties. Pkt., 35c.

2422. **Fimbriata Sinensis, Fine Mixed.** Pkt., 15c.

2423. **P. Verus (English Cowslip).** Pkt., 10c.

2424. **P. OBCONICA.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac and have the true primrose fragrance. Pkt., 15c.; 2 pkts., 25c.

2367. **PHLOX. Star of Quedlinburg.** A very striking novelty of extraordinary character. In the flowers, the centre petals, which are five in number, are much elongated, from four to five times the length of the lateral ones, thus giving the flowers a most distinct and regular star-like appearance. Many colors, mixed. Pkt., 10c.; 3 pkts., 25c.

HARDY PHLOX.

Magnificent flowering plants for permanent beds and borders, bearing immense heads of large waxy flowers of lovely shades of color. Hardy perennial; 2 ft.

2366. **Hardy Phlox.** Fine mixed varieties. Pkt., 10c.



NEW TULIP POPPY. (See 2388.) Pkt., 10c.



SWEET PEAS.

2700. **Sweet Pea Vesuvius.** The large upper petals show a brilliant carmine rose, shading toward the centre into a deep, glowing purple throat, the whole being sprinkled with crimson dots. Pkt., 5c; oz., 15c.

2701. **Scarlet Invincible.** Pkt., 5c; oz., 15c; lb., \$1.00.
2702. **Butterfly.** Pure white, laced with lavender blue. Pkt., 5c; oz., 15c.

2703. **White.** Pure white. Pkt., 5c; oz., 10c; lb., \$1.00.

2704. **Striped.** Very handsome. Pkt., 5c; oz., 10c; lb., \$1.00.

2707. **Adonis.** Bright rosy carmine. Pkt., 5c; oz., 20c.

2709. **Princess Beatrice.** Carmine rose, slightly shaded. Pkt., 5c; oz., 20c.

2710. **Painted Lady.** Pink and white; an old favorite. Pkt., 5c; oz., 15c; lb., \$1.00.

2712. **Miss Blanch Ferry.** An American Hybrid. Pink and white, and very early; large flower and constant bloomer. Pkt., 10c; oz., 25c.

2705 **Everlasting Peas, Mixed** (*Lathyrus Latifolius*). 5 ft. Pkt., 10c.

ECKFORD'S LARGE FLOWERING MIXED SWEET PEAS.
Pkt., 10c; oz., 20c.

2706. **Mixture of Sweet Peas.** All colors; splendid. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

ECKFORD'S NEW HYBRID LARGE FLOWERING SWEET PEAS.

2713. **Boreatton.** A fine dark pea with bold, stout flowers; rich bronze crimson, with wings of crimson purple, shaded rose. Pkt., 10c; oz., 25c.

2714. **Orange Prince.** Orange pink, flushed scarlet; wings bright rose veined pink; very choice. Pkt., 10c; oz., 25c.

2715. **Empress of India.** Rosy pink and white, very large pleasing flowers. Pkt., 10c; oz., 20c.

2716. **Queen of England.** Grand, pure white flowers of extra large size and specially choice. Pkt., 10c; oz., 25c.

2717. **Splendor.** Rich, bright pinkish rose; shaded crimson, flowers large, of finest form. Pkt., 10c; oz., 25c.

2718. **Isa Eckford.** Very large rosy pink flowers, shaded with carmine. Pkt., 10c; oz., 25c.

2719. **The Queen.** Rosy pink and mauve; flowers large and fine. Pkt., 10c; oz., 20c.

2720. **Princess of Wales.** Shaded and stained mauve on a white ground. Pkt., 10c; oz., 20c.

2726. **Eckford's Large Flowering, Mixed.** A fine mixture of the very finest sorts, including many of Eckford's not included in the above. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

PYRETHRUM (Feverfew).

2440. **P. Parthenifolium Aureum** (*Golden Feather*). A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 10c.

2441. **P. Roseum.** Handsome aster-like flowers, with pink rays and deep yellow centres, foliage fern-like, most beautifully cut. Pkt., 10c.

RICINUS (Castor Oil Bean).

2460. **R. Gibsoni.** Handsome deep red foliage, compact branching habit; 5 ft. Pkt., 5c.

2461. **Sanguineus.** Leaves green, stalks blood red, showy red fruit; 8 ft. Pkt., 5c.

2462. **Philippiniensis.** A majestic variety, with beautiful gigantic foliage; 10 ft. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves of this beautiful plant are of a bright metallic bronze; the large branches of the fruit are of a vivid red, and as they are borne up some ten or twelve feet from the ground, it gives a tropical effect that is unexcelled. All this can be obtained in one year from the seed. Pkt., 10c.

SWEET ROCKET.

2480. **R. Sweet, Mixed.** Large clusters of single purple and white flowers that are deliciously fragrant during the evening. Hardy annual; 1½ ft. Pkt., 5c.

SALPIGLOSSIS (Velvet Flower).

2500. **S. Fine, Mixed.** Sky blue and scarlet flowers, very beautifully pencilled. Hardy annual; 1½ ft. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large flowering salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors and exquisitely veined and laced. They remain long in bloom, and in rich coloring they vie with orchids. Pkt., 10c.



RICINUS DUCHESS OF EDINBURGH. Pkt., 10c.

**SANVITALIA.**

2540. *S. Procumbens Flore Pleno.* Very pretty trailing plants; excellent for rock-work or edgings. Flowers of a brilliant golden yellow. Hardy annual; $\frac{1}{2}$ ft. Pkt., 5c.

SAPONARIA.

2560. *S. Calabrica.* Charming little plants, producing a profusion of rich, deep pink flowers. Hardy annual; $\frac{1}{2}$ ft. Pkt., 5c.

SCABIOSA (Mourning Bride).

A handsome border plant, bearing a profusion of beautiful fragrant flowers; very handsome for table bouquets. Hardy annuals.

2580. *S. Candidissima Alba Plena.* Pure white, double flowers; 2 ft. Pkt., 5c.

2581. *Dwarf Mixed.* White, red and purple flowers; 1 ft. Pkt., 5c.

SCHIZANTHUS.

2600. *S. Papilionaceous (Butterfly Flower).* A showy variety, with curiously spotted dark violet, yellow and crimson flowers. Half-hardy annual; $1\frac{1}{2}$ ft. Pkt., 5c.

2591. *Fine Mixed.* A large variety of choice sorts. Pkt., 5c.

SEDUM (Stone Crop).

2620. *S. Cœruleum.* Remarkably pretty succulent plants, growing readily upon rocks, walls and roofs of houses; $\frac{1}{4}$ ft. Pkt., 10c.

SILENE (Catchfly).

A beautiful genus of free flowering plants, with bright attractive flowers. Hardy annual; 1 ft.

2640. *S. Ameria, Mixed.* Red, white and rose. Pkt., 5c.

2341. *Pendula Flore Pleno.* Charming rose colored flowers. Pkt., 5c.

SMILAX. (See *Myrsiphyllum*.) Pkt., 10c.; oz., 60c.



SCARLET SAGE. (*Salvia Splendens*.) Pkt., 10c.

SALVIA.

A very ornamental free flowering plant, remaining in bloom until killed by frost.

2530. *S. Splendens (Scarlet Sage).* Large spikes of vivid scarlet flowers; 2 ft. Pkt., 10c.

2521. *Patens.* Superb deep blue flowers; 2 ft. Pkt., 10c.

NEW SCARLET SAGE.

2522. *Salvia Splendens Ingenieur Cleveland.* A new and splendid variety of this old favorite, blooming some two months earlier than the old sort, and producing flowers in the greatest profusion, of a splendid brilliant scarlet red. Very distinct and magnificent for beds. Pkt., 15c.

VERBENA.

Well-known plants of great beauty and variety, with beautiful dazzling, self-colored, striped and variegated flowers. Half-hardy perennials; 1 ft.

2820. *V. Hybrida, Striped.* Very brilliant shades. Pkt., 10c.; oz., \$1.50.

2821. *V. Candidissima.* Large trusses of the purest white flowers. Pkt., 10c.; oz., \$1.50.

2822. *V. Coccinea.* Brilliant scarlet. Pkt., 10c.; oz., \$2.00.

2823. *V. New Mammoth.* Very large flowering, many of the flowers being the size of a silver quarter. Pkt., 15c.; 2 pkts., 25c.; oz., \$3.00.

2824. *Choicest Mixed.* Selected from the newest and finest named varieties. Pkt., 10c.; 3 pkts., 25c.; oz., \$1.50.

2825. *Fine Mixed.* All good varieties. Pkt., 5c.; oz., 75c.

STOCKS, TEN WEEKS.

2660. *S. Blood Red.* Pkt., 10c.

2661. *Crimson.* Pkt., 10c.

2662. *White.* Pkt., 10c.

2663. *Blue.* Pkt., 10c.

2664. *Dwarf Large Flowering German Double Blood Red.* Pkt., 10c.

2665. *Extra Choice Mixture.* Very double flowers. Pkt., 10c.

2666. *Dwarf Wallflower-Leaved German, Mixed.* Very fine, large double. Pkt., 10c.

2667. *Snowflake.* A fine new variety, with extremely large and double, pure white flowers. Pkt., 15c.

SWEET SULTAN (Centaurea Moschata).

2739. *Sweet Sultan.* A handsome plant. Flowers purple, double, and of a strong musky scent. Hardy annual; 1 ft. Pkt., 5c.

SWEET WILLIAM (Dianthus Barbatus).

These plants, when in full bloom, present a beautiful sight, and for a fine display are unsurpassed. Blooms freely the first season from seed. Hardy perennial; $1\frac{1}{2}$ ft.

2740. *Sweet William, Mixed.* The finest, largest and most double varieties. Pkt., 5c.

THUNBERGIA (Black-Eyed Susan).

A beautiful class of very ornamental climbers, suitable for greenhouse or out-door culture. Half-hardy annuals; 4 ft.

2760. *T. Alba Oculata.* White; dark eye. Pkt., 5c.

2761. *T. Aurantiaca.* Orange; dark eye. Pkt., 5c.

2762. *T. Bakeri.* Pure White. Pkt., 5c.

2763. *T. Fine, Mixed.* Choice Shades. Pkt., 5c.

2764. *T. Alata.* Buff, dark eye. Pkt., 5c.

TORENIA.

Very pretty summer plants for hanging baskets or borders. Half-hardy annuals; $\frac{3}{4}$ ft.

2780. *T. Fournieri.* Sky blue, with a bright yellow throat. Pkt., 10c.

2781. *T. Baillon.* Golden yellow flowers, with a brownish red throat. Pkt., 10c.

TROPÆOLUM.

Very elegant and profuse blooming climbers, for in-door or out-door culture. Half-hardy annuals.

2809. *T. Peregrinum (Canary Bird Flower).* Yellow; 10 ft. Pkt., 5c.

2801. *T. Lobbianum.* Brilliant mixed varieties; 6 ft. Pkt., 5c.



Pkt., 10c.

ZINNIA (*Youth and Old Age*).

The Zinnia is one of our most showy plants, so easy of cultivation and handsome that it will always be popular. Hardy annual; $1\frac{1}{2}$ ft.

2940. **Z. Elegans, Fl. Pl.** Dazzling scarlet, yellow, orange, rose, lilac, crimson and white. Pkt., 5c.

2941. **Haageana, Fl. Pl.** Deep orange yellow, retaining its color when dried. Pkt., 10c.

2942. **OUR DOUBLE STRIPED ZEBRA.** A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. They are very compact in growth, and are far superior to those usually grown. Pkt., 10c.

**NEW SEEDS
FREE
FOR TRIAL.**

For some years past we have, each season, distributed free, for trial among our customers' packages of **New and Improved Varieties**, previous to their introduction. Some of our most **valuable Novelties** have been first sent out in this way, by which means they were tried in all sections of the country, thus enabling us, when the reports are entirely satisfactory, to offer them the next season with greater confidence. We shall follow the same plan in 1894, and have again put up a number of most distinct novelties, which have never been offered for sale, and will not under any circumstances be sold this season; and we shall be glad to add one or more packages **free of charge** to customers whose orders exceed \$1.00, and indicate an interest in new varieties. All who deal with us will be treated liberally. We shall also be glad to receive samples for trial from customers who have new or superior varieties unknown to the general public.

ZINNIA—Continued.

2943. **Double Pure White.** Pkt., 10c.

2944. **PIGMY ZINNIA.** The plants of this excellent little novelty are of candelabra form, close and vigorous in habit, and when fully developed are only five to seven inches high and are nearly covered with pretty flowers, extraordinarily double and of an intense orange yellow. As each plant bears from ninety to one hundred and twenty-five flowers, it is consequently nearly covered. It continues in bloom throughout the season, and is very suitable for edging or bedding as well as of much value for pot culture. Pkt., 15c.; 2 pkts., 25c.

VINCA.

Beautiful free flowering plants, suitable for house culture or bedding purposes, blooming the first year from seed. Half-hardy perennial; $1\frac{1}{2}$ ft.

2840. **V. Rôsea.** Rose, with dark eye. Pkt., 5c.

2841. **V. Alba.** White, with crimson eye. Pkt., 5c.

2842. **V. Alba Pura.** Pure White, exquisite. Pkt., 5c.

VIOLET (*Viola Odorata*).

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial; $\frac{1}{2}$ ft.

2860. **V. Single White.** Sweet scented. Pkt., 10c.

2861. **V. Single Blue.** Sweet scented. Pkt., 10c.

2862. **V. Mixed.** Pkt., 10c.

VIRGINIA STOCK.

A beautiful free flowering plant, for beds, baskets or edgings. Hardy annuals; $\frac{1}{4}$ ft.

2880. **Virginia Stock.** Fine red and white, mixed. Pkt., 5c.

WALLFLOWER (*Cherianthus Cheri*).

A handsome popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. **Wallflower, Double Mixed.** Yellow, brown and purple flowers. Pkt., 10c.

2901. **Single Mixed.** Showy colors. Pkt., 5c.

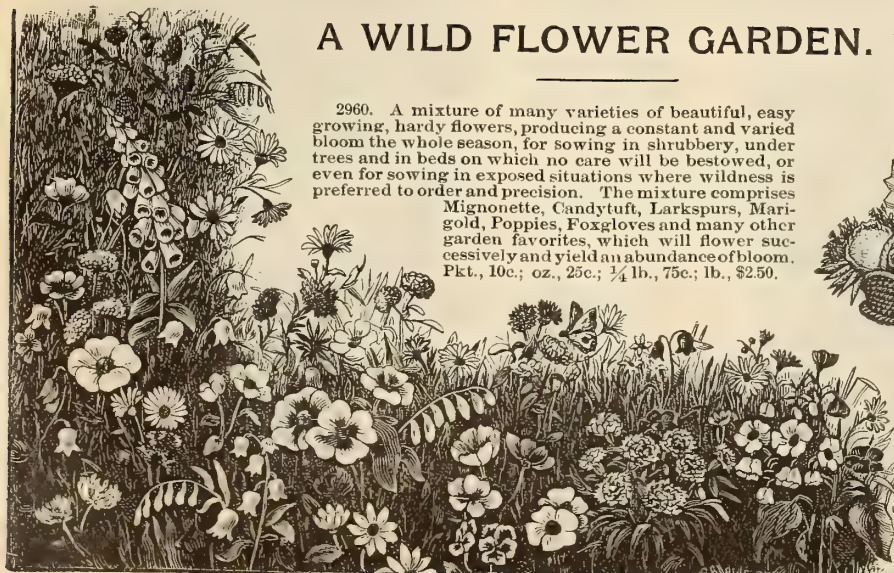
WHITLAVIA.

2920. **W. Grandiflora.** A pretty and charming plant, with a delicate and handsome foliage, and bright blue and white bell shaped flowers. Hardy annual; $\frac{3}{4}$ ft. Pkt., 5c.

A WILD FLOWER GARDEN.

2960. A mixture of many varieties of beautiful, easy growing, hardy flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and in beds on which no care will be bestowed, or even for sowing in exposed situations where wildness is preferred to order and precision. The mixture comprises

Mignonette, Candytuft, Larkspurs, Marigold, Poppies, Foxgloves and many other garden favorites, which will flower successively and yield an abundance of bloom. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



WILD FLOWER GARDEN. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

TUBEROUS ROOTED BEGONIAS.



PHOTOGRAPH OF VASE OF TUBEROUS BEGONIA.
One-half natural size.

The Tuberous rooted Begonias are among the handsomest of our summer flowering bulbs. They are not grown to the extent they should be, as they require no more care than geraniums; have as fine a range of color, and will bloom continually throughout the summer, even when geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the rose with their rich and varied colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet. We have made a specialty of these charming plants for several years; have tried them thoroughly and have no hesitation in saying that they are destined to play a very important part in the bedding of the near future. Single varieties, mixed colors. Bulbs, 15c. each; 4 for 50c.; \$1.50 per doz. Single varieties, in separate colors, crimson, white, yellow, pink and orange, 20c. each; \$2.00 per dozen. Double varieties in finest mixture, 30c. each; \$3.00 per doz.

Red Hot Poker Plants.

(TRITOMA.)

An admirable half-hardy herbaceous plant that blooms from mid-summer till freezing weather. The stalks shoot up from three to four feet high, and continue blooming for several weeks. As the flower buds open and fade, they pass through the shades of yellow, red and blue that a bar of hot iron does in cooling. 15c. each; 4 for 50c.



RED HOT POKER, OR FLAME FLOWER.

(Tritoma.)



CHINESE SACRED LILY.

THE CHINESE SACRED LILY.

These bulbs are very large, and each one sends up from five to eight spikes, which bear clusters of large, perfect, waxy white blossoms, with a yellow centre, as shown in our illustration. They have a powerful and delicious fragrance, which is not excelled by any flower, and grow well in pots of soil, but the most popular way of blooming them is the Chinese method, as follows: Fill a bowl or some similar vessel with pebbles, in which place the bulb, setting it about one-half its depth, so that it will be held firmly, then fill with water to the top of the pebbles and place in a warm sunny window. The bulb will at once commence a rapid growth and bloom in four to five weeks. Price, by mail, 15c. each, or 4 for 50c.

A Little Bulb Collection for 35c.

3 COLLECTIONS FOR \$1.00

We will send 1 Bulb each Tuberous Begonia, Red Hot Poker and Sacred Lily, Post Free, for 35c., or 3 Collections for \$1.00.



GLADIOLUS.

LILIUM AURATUM.

The Golden Banded Lily of Japan. This queen of lilies has immense blooms, measuring nearly a foot across. The large white petals are thickly spotted with rich chocolate crimson and have a bright golden yellow band through the centre of each. (See cut.) Each, 25c.; 6 for \$1.25; \$2.00 per doz., post-paid.

DAHLIAS.

We offer a fine collection of these popular plants. Each, 10c.; \$1.00 per doz.

**SPECIAL COLLECTION OF
TEN CHOICEST NAMED
DAHLIAS for \$1.50, post-
paid.**

HERBACEOUS

PAEONIES.

Magnificent hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flowers and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. Strong flowering roots, by mail, post-paid, each 10c.; \$1.00 per doz.



HERBACEOUS PEAONY.

▲ Gladiolus ▲

Our Grand Mixed Gladiolus is composed of choice varieties only. We grow them in enormous quantity on our own grounds, and every care is exercised to weed out undesirable sorts, and our customers can depend upon getting a large and magnificent variety of colors and markings. They cannot be too highly praised.

3 for 10c.; 30c. per doz.; 45 for \$1.00, or \$2.00 per 100, postpaid. By express, \$1.70 per 100; \$16.00 per 1000.

GLADIOLI UNDER COLOR.

PINK. This class comprises a wide range of colors, from light orange and very deep rose through various shades of pink to light rosy blush; large, well formed flowers. Each, 5c.; 40c. per doz.; \$3.25 per 100.

SALMON AND BUFF. This very rare class of Gladioli colors in a bouquet are very effective and pleasing; they are all of the most beautiful shades of salmon and buff. Each, 5c.; 60c. per doz.; \$4.25 per 100.

SHADES OF RED MIXED. This mixture embraces various shades of red, and makes a very bright effect in bedding. Each, 3c.; 25c. per doz.; \$1.75 per 100.

WHITE AND LIGHT. Containing the very lightest colors in Gladioli, some of them very nearly pure white. Each, 5c.; 50c. per doz.; \$3.50 per 100.

YELLOW. Various shades of yellow and golden; among the most beautiful of all Gladioli. Each, 5c.; 40c. per doz.; \$2.75 per 100.

All the above will be delivered, **post-paid**, upon receipt of price, except where express price is given. They will be found very useful for bedding and also for cut flowers in abundance.

IRIS (Flower-de-Luce).

This beautiful genus of plants obtained its title of Iris—which is the Greek name for the rainbow—from the ancients, as the most appropriate because of the varied hues and tints of the flowers. Robust, growing, flowering in midsummer, varying in shades of white, maroon, deep blue, yellow, carmine and violet, beautifully veined and mottled. They are perfectly hardy and when once planted will increase in size and beauty every year.

I. Kämpferi. These Japanese Iris often have flowers ten inches in diameter; bloom in July; prefer a moist, sunny situation. All colors mixed. Each, 10c.; \$1.00 per doz.

I. Germanica. These rival the orchid in variety of coloring, shape and shading. Perfectly hardy and adapted to all situations. Each, 10c.; \$1.00 per doz.



LILIUM AURATUM. The Golden Banded Lily.

CHOICE PLANTS.

FOR BEDDING AND HOUSE CULTURE.

ABUTILON. Fine free blooming plants for house culture or bedding purposes. We offer an assortment of choice kinds. 15c. each; 4 for 50c.

ACARANTHUS. A fine bedding plant used in connection with coleus. Red and variegated sorts. 15c. each; 4 for 50c.; 10 for \$1.00. Special prices on large lots.

AGERATUM. White and purple feathery flowers. Good for bedding. 15c. each; 4 for 50c.; 10 for \$1.00.

BEGONIAS.

We offer an assortment of the choicest sorts of this popular plant, including the choice new bedder,

Begonia Vernon. 20c. each; 6 for \$1.00.

CARNATIONS.

Fred Creighton. Very large flowers, all on long stems and of the loveliest pink shade imaginable.

Grace Wilder. This has been the favorite pink sort for years, but it is not as strong in growth or as hardy as some of the newer varieties.

Lizzie McGowan. A grand new variety of strong, vigorous growth, bearing very large flowers of pure, snowy white; this is the grandest white sort yet introduced, small plants producing flowers over two inches across, beautifully fringed, and very fragrant.

Portia. Intensely bright scarlet flowers, borne on long stems. Very free flowering; excellent for winter blooming.

Edna Craig. New. One of the finest pink carnations ever offered. Flowers of wonderful substance and large size and an excellent bloomer.

Hinze's White. A very good, well-known white variety.

Mrs. Carnegie. A very fine flower, striped scarlet and white; a fine grower and a valuable addition to our list.

Price of Carnation Plants: 15c. each, or the entire set for 80c.



COLEUS PLANTS.

Brilliant foliage plants for summer bedding; also very fine for baskets and vases in sunny locations. Our collection embraces only new, distinct and brilliant colored varieties. 15c. each; 5 for 50c., or 10 distinct sorts for \$1.00.

Write for special quotations on large quantities.



GERANIUMS.

Are simply indispensable for both indoor or outside uses. We have a magnificent assortment of all the best kinds. Single and double, white, crimson and pink. 15c. each; 4 for 50c.; 10 for \$1.00; \$8.00 per 100.

PETUNIAS.

We have a magnificent collection of the Double Fringed sorts, running through all shades of crimson, purple, rose, white and mottled and splashed and edged in endless variety. 15c. each; 4 for 50c.; \$1.50 per doz.

CLIMBING VINES.

Akebia Quinata. A pretty and rapid climber that twines very tightly around any available support; leaves small, five parted and nearly evergreen; flowers purple. This vine—an introduction from Japan—is not so well-known as it deserves. 20c. each.

Ampelopsis Veitchii. The best and most popular vine for covering a wall or building quickly. It requires rich ground and a little time and patience to get the plants started, but after they are well established, they grow rapidly, and will cling firmly to almost any surface. 20c. each.

HONEYSUCKLE.

Golden Japan. Leaves beautifully veined and variegated with yellow, with a tinge of red towards autumn; an elegant plant. 20c. each.

H. Halleana (Hall's Japan Honeysuckle). A strong grower and a constant bloomer; flowers open white and change to buff the next day; very fragrant; one of the best. 20c. each.

MANETTIA VINE.

(*Manettia Bicolor*.)

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow; the contrast with the vivid green, glossy foliage is startling, making the plant an object of rare beauty. It will grow and bloom in any ordinary soil, and given strings or wire to cling to it will attain a height of from five to ten feet in one season. As a pot plant it is unrivalled, when trained to a wooden stake or pot trellis. 15c. each; 4 for 50c.

THE MOONFLOWER VINE.

(*Ipomœa Noctiflora*.)

If planted out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will attain a height of forty feet by October 15th, blooming abundantly the entire season. It is called "Moonflower" from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days; the flowers are of pure white, from five to six inches in diameter, emitting a rich Jessamine-like odor at night. 15c. each; \$1.50 per doz.

COLLECTION OF CLIMBING VINES.

We will send one plant each of the above six vines for 75c., post-paid.



Hardy flowering shrubs are necessary for the proper ornamentation of a lawn or garden. They develop more quickly than any other class of trees, and are, therefore, indispensable for filling a new lawn, where it is desirable to get something to make a show as quickly as possible. In laying out new places, they may be dotted about in groups, or as single specimens, in many nooks and corners, which at first look bare, but which will eventually be occupied when the other trees and evergreens are fully developed. As the latter increase in size, the shrubbery may be thinned out to make room for them.

They should be kept in handsome shape and size by frequent and judicious pruning. By selecting a dozen or more varieties, a succession of bloom may be had throughout the summer months.

***CALYCANTHUS FLORIDUS** (*Sweet Shrub*). An old garden favorite, valued for the fragrance of its chocolate colored flowers.

CARAGANA ARBORESCENS (*Siberian Pea Tree*). An erect symmetrical shrub that bears a profusion of yellow pea-like blossoms.

***CORNUS MAScula** (*Cornelian Cherry*). A large shrub that bears bright yellow flowers early in spring, and bright red oval berries in autumn.

***CORNUS SANGUINEA** (*Crimson Dogwood*). In winter the bark is a bright glossy crimson, making this the most conspicuous deciduous shrub, particularly when the ground is covered with snow; very effective when dotted about the lawn, and excellent for ornamental hedges, which, with the addition of two or three strands of wire, will make an effective barrier.

***CYDONIA JAPONICA** (*Japan Quince*). One of the most useful deciduous shrubs, whether as a bush in open lawn, in groups, or as an ornamental or defensive hedge. The bush is armed with stiff, sharp spines, and with the addition of two or three strands of barbed wire makes a thoroughly defensive hedge for all purposes. It does not require much trimming, and can easily be kept within proper bounds, but its crowning glory is the brilliant display of scarlet flowers with which it is loaded in spring.

***EUONYMUS EUROPEUS** (*Burning Bush or Strawberry Tree*). Very conspicuous in autumn and winter, when loaded with scarlet seed pods, from which the orange colored berries hang on slender threads. The European is darker and more showy than the American.

MAHONIA AQUIFOLIA (*Holly Leaved*). An evergreen shrub with glossy prickly holly-like leaves, bright yellow flowers. Thrives in shady situations.

FLOWERING CURRANT (*Ribes Aureum*). An early bloomer; small bright yellow flowers with a pleasant spicy fragrance.

***HYDRANGEA PANICULATA GRANDIFLORA**. This is the most popular hardy shrub at the present time. The end of each branch is crowned with an immense head of bloom, which is cream color in bud, pure white when fully expanded, changing to pink and bronze with age, and finally to brown when injured by frost; entirely hardy.

LIRIODENDRON TULIPIFERA (*Tulip Tree, Pride of the Forest*). One of the largest and most stately native forest trees. The trunk is usually perfectly straight, and cylindrical for a great height; a very rapid grower; bears a profusion of large yellowish tulip shaped flowers. Must be transplanted when young. Each, 50c.

PRICES.—Those sorts marked * we can supply in mailing sizes at 20c. each, by mail, post-paid. Express sizes of all kinds mentioned above, except those specially priced, 25c. each; or \$2.00 per dozen. Our express size are fine, strong plants.

Special Surprise Collection of Flowering Shrubs by Express, at your Expense, for \$2.00.

This collection will be made up from the above list of the large size plants and will be a pleasing surprise when you see the quality and quantity sent you. Try it and see.

***LIGUSTRUM OVALIFOLIUM** (*California Privet*). A very ornamental shrub, with thick, glossy, nearly evergreen leaves; very popular for ornamental hedges, and flourishes almost everywhere. Write for prices in quantity.

***PHILADELPHUS CORONARIUS** (*Mock Orange; syn. Syringa*). The profusion of milk white flowers, and their delightful orange blossom fragrance, make this shrub a general favorite; few hardy plants are more widely known.

PRUNUS PISSARDII (*Purple Leaved Plum*). A small tree of splendid compact habit, and exceedingly ornamental. The young leaves are crimson, changing to dark, rich purple with age; none of the purple leaved trees or shrubs excel it.

***RHUS COTINUS** (*Purple Fringe, Smoke Tree*). A low shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist; singular and very pretty.

RHUS GLABRA (*Sumac*). A bush or small tree, with compound leaves and bright red panicles of flowers and seed; very bright and showy, particularly in autumn.

***SPIREA THUNBERGII**. A low bush, of graceful, drooping habit, with very narrow leaves that take beautiful tints in autumn; one of the earliest and freest bloomers; flowers very small, white.

***S. VAN HOUTTEI**. A new spirea, which forms a round, graceful bush, and blooms in the style of *Reevesiana*; new, scarce and very popular.

***S. OPULIFOLIA AUREA** (*Golden Spirea*). A popular and very effective yellow leaved foliage plant.

***S. REEVESIANA** (*Bridal Wreath*). Flowers borne in round clusters all along the branches, which bend very gracefully when loaded with bloom.

S. LANCEOLATA. A beautiful spirea with beautiful finely cut foliage.

***SAMBUCUS NIGRA AUREA** (*Golden-leaved Elder*). One of the best yellow foliage plants of large size; the color is remarkably bright, rich and constant.

S. N. LACINIATA (*Cut-leaved Elder*). A vigorous grower, with deeply cut leaves; distinct and interesting.

***SYRINGA JAPONICA** (*Tree Lilac*). A vigorous grower that forms a medium sized tree, and blooms in loose spreading clusters of creamy white flowers; a magnificent new and scarce species. Each, 50c.

***S. PERSICA ALBA**. White lilac, choice.

S. ALBA GRANDIFLORA. White lilac, large flowering.

***S. VULGARIS**. Common purple lilac.

S. CHARLES THE 10th. A fine variety that blooms freely in large clusters.



THE JAPANESE WINEBERRY.

There has been few novelties introduced in this country that are more interesting or beautiful in their way than the Japanese Raspberry, brought out under the name of Wineberry. It originated from seed sent home by Prof. George-son, late of the Imperial College of Agriculture, Tokio, Japan, and gathered by him from a plant growing in a wild state on the mountains of that country. The canes of this interesting plant are large, robust and entirely hardy here; they are thickly covered with purplish red hairs, which extend along the stem to the extremity. The leaves are large, tough, dark green above and silvery gray beneath. Each berry is at first slightly enveloped by the large calyx, forming a sort of bur, which is also covered with purplish red hairs so thickly as to present the appearance of a moss rosebud. These gradually open and turn back, exposing the fruit in all its beauty. The berries are of medium size as compared with our raspberries, but of a beautiful translucent appearance, running through all the shades of amber to crimson as they ripen. There is a freshness and brilliancy about them impossible to describe, and we know of nothing in the way of raspberries so attractive. In quality it is good, with a rich and sprightly flavor, but decidedly brisk sub-acid. Season of ripening early in July. Price, mail or express, strong, well-rooted plants, 20c. each; \$2.00 per dozen.



PHOTOGRAPH OF LEAF HOLT'S MAMMOTH SAGE. Natural Size.

New Hardy Orange.

This is the most hardy of the orange family, and will stand our Northern climate with little or no protection, and is also desirable for pot culture. In the parks of both New York and Philadelphia it is growing luxuriantly, and blooming and fruiting profusely. Think of it, friends, you can have an orange tree growing, blooming and fruiting on your lawn or yard. It is a dwarf, of a low symmetrical growth, with beautiful trifoliate, glossy green leaves, and abundance of large, white, sweet-scented blossoms, larger and finer than any other variety of orange blossoms, and borne almost continually. The fruit is small, bright orange red in color, having a peculiar flavor, of no value for eating, though for refreshing drink it is equal to lime juice or lemonade. It blooms very profusely in spring and early summer, but after the fruit begins to form, blossoms are not plentiful. We predict for this tree a great future. Strong, young, thrifty trees, by mail or express, 25c. each; \$2.50 per doz.



A NEW HARDY ORANGE (CITRUS TRIFOLIATA).

FRUIT SEEDS.

Remit for Postage 8c. per pound, or 15c. per quart, when ordered to be sent by mail.

Peach Pits. Pure Southern, natural or seedling. Qt., 15c.; bush., \$2.00. **Apple Seed.** Qt., 30c.; bush., \$7.00. **Apricot Pits.** Oz., 10c.; lb., 50c. **Plum Pits.** Qt., 50c.; bush., \$10.00. **Pear Seeds.** French, imported, oz., 15c.; lb., \$1.75. **Quince Seed.** Oz., 15c.; lb., \$1.75. **Mulberry.** White or black. Oz., 20c.; lb., \$2.00.

HOLT'S MAMMOTH SAGE.

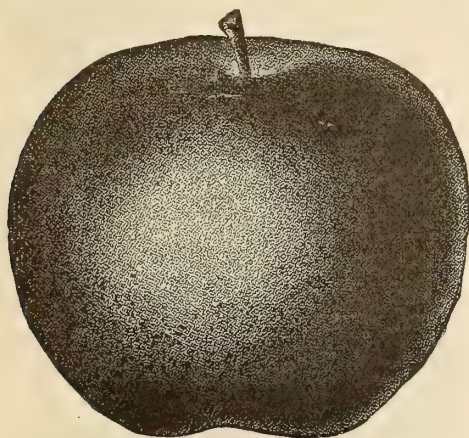
We have grown and fully tested this valuable new variety for several years past and offer the plants to our customers with the greatest confidence in its merits. The plant is of very large, strong growth. It is perfectly hardy and a decided improvement on the ordinary sage, a single plant producing eight to ten times as much from being much larger. It is also stronger in flavor and superior in quality, never running to seed. Price, 3 plants for 25c.; 7 for 50c.; 15 for \$1.00, by mail, post-paid; \$5.00 per 100 by express.

FRUIT TREES AND PLANTS.

We make a specialty of medium size, well rooted trees and plants by mail, post-paid, which in many ways are more desirable than larger trees. They can be transplanted with more certainty of success, make better growth and handsomer trees. Though when preferred we send larger trees and plants by express at same price at purchaser's expense.

CHOICE APPLES.

Yellow Transparent. The earliest apple known; medium to large, rich, transparent, handsome yellow, juicy and excellent. Price, 1 year, by mail, 25c. each; 5 for \$1.00; 2 year, express, 30c. each; 4 for \$1.00.



STOKES' GARDEN GEM. Half size.

STOKES' GARDEN GEM. The best garden apple ever offered and equally valuable for market. Bears very young; trees five feet high producing fine specimens of fruit. Ripens after Yellow Transparent, and continues through summer. Tree perfectly hardy, having been grown as far North as Maine for several years, and bears full every year. Very compact grower and dwarf habit, making it specially adapted to the garden or close planting. Think of it, an apple for your garden, bearing large, luscious, handsome, yellow, red-cheeked fruit of most excellent quality, rich and mellow; also splendid for cooking. We control the stock of this valuable apple. Price, by mail, 75c. each; 2 for \$1.25. Bearing size, by express, \$1.00 each; 3 for \$2.50.

WHINNERY LATE RED. The latest and best of keepers. Ripens in January and keeps until apples come again. Handsome deep red, good quality and excellent shipper. Tree a strong grower and very heavy cropper, commencing to bear young and continuing every year. Price, 3 year, only by express, 40c. each; 3 for \$1.00.

Ben Davis, Baldwin, Fallwater, R. I. Greening, Wealthy, Delaware Winter and Gravenstein. Price, 1 year, by mail, 15c. each; 7 for \$1.00. Express, 15c. each; \$2.50 per dozen.

NEW PEARS.

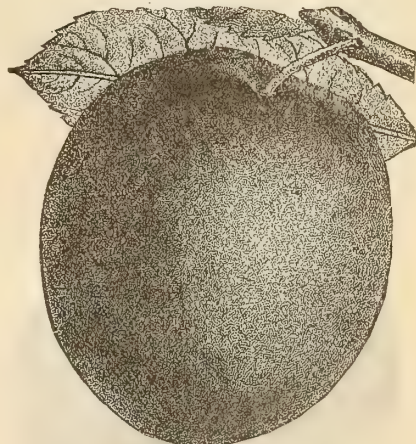
The Idaho Pear originated at or near the latitude of Quebec. It has survived winters when the thermometer ranged from 15° to 30° below zero. Very productive, fruit of largest size, weighing from sixteen to twenty-three ounces; flavor pleasant, equal to Bartlett. Price, 1 year, mail or express, 30c. each, or 4 for \$1.00; 2 year, express only, 50c. each.

Lincoln Coreless Winter Pear. A good grower and excellent shipper. Specimens weigh one to one and one-half pounds. High color, absence of seeds and core. Such juicy, luscious flesh found in no other variety of canning fruit. Quality the best. Price, 1 year, \$1.00 each, by mail; 3 for \$2.00.

Vermont Beauty. This beautiful pear originated on Grand Isle, Lake Champlain. Is very hardy. An annual abundant bearer. In quality the fruit approaches the Seckle; fruit yellow, covered on the sunny side with a bright carmine red. Flesh melting, rich, juicy, aromatic; best. Ripens after the Seckle, though much larger in size and more attractive in appearance; cannot fail to prove a general favorite and very valuable. Price, 1 year, mail or express, 40c. each; 3 for \$1.00. By express, 50c. each.

Seckle, Bartlett, Keiffer, B. D. Anjou. Price, 1 year, by mail, 30c. each, 4 for \$1.00; 2 years, by express, 40c. each, 3 for \$1.00.

JAPANESE CURCULIO PROOF PLUMS.



ABUNDANCE PLUM.

ABUNDANCE PLUM. This is the paragon among plums, and is, without exception, the most valuable variety for general planting. As a class, these Japanese Plums are very useful, but the Abundance is far superior to all others. Tree a very strong upright grower, and prodigious bearer of handsome, luscious fruit; and being so thrifty and hardy, it readily resists the attacks of curculio and other enemies. Ripens very early. Price, 1 year, mail, 30c. each; 4 for \$1.00. By express, 40c. each; 3 for \$1.00.

SATSUMA, BURBANK and OGON. Same price as above.



DWARF ROCKY MOUNTAIN CHERRY.

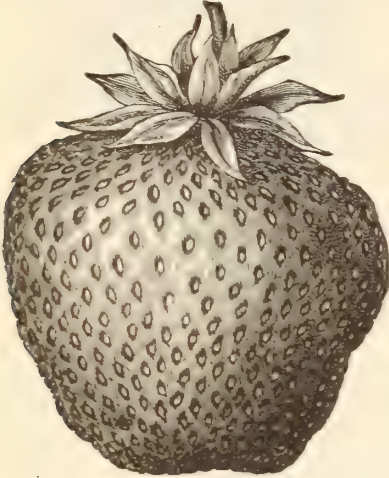
DWARF ROCKY MOUNTAIN CHERRY is a wonderfully productive fruit, sixteen quarts having been picked off a 3-year-old bush. The fruit is jet black when ripe, and in size averages somewhat larger than the English Morello; season of ripening being after all others are gone. In flavor it is akin to the sweet cherries, and when fully ripe, for preserves or to eat out of hand, it has no equal in the line of pitted-fruits, and is conceded superior to any fruit grown in this section. It has the best system of roots of any shrub or tree we have ever planted, which accounts for the wonderful productiveness of plants at such an early age. It bears every year, and is as prolific as a currant bush. Grows to a height of four feet, and has never been affected by insects, black knot or other disease. In addition to its immense productiveness of luscious fruits, valuable for pies, sauce or for market purposes, it makes a handsome flowering bush with its mass of pure white flowers. Price, mail or express, 40c. each; 3 for \$1.00.

STRAWBERRIES.

Varieties marked "P" should have another perfect flowering sort planted near them.

These twelve varieties are unsurpassed. Our prices are not to be compared with those offering the poor, weak, cheap stock usually sold; these are many times superior, being fresh dug and shipped direct from our nursery.

At rates per dozen will be mailed free. At 100 rates add 25c. per 100 to cover postage, expenses, etc.



WARFIELD, A GRAND EARLY BERRY.

WARFIELD. (P.) This is one of the most popular early berries and well deserves its place among the best. Market gardeners in Pennsylvania claim it their best paying berry and are planting it largely. Fruit, good average size; deep glossy red, slightly necked, good quality, very firm, and an excellent shipper. Plant, a strong grower; free from rust, and a heavy cropper. This planted with Lovett's Early will be sure to pay. Price, mail, dozen, 40c.; by express, 100, 75c.; 1000, \$1.75.

BUBACH. (P.) A wonderful berry in vigor of plant and yield of fruit of large size. Exceedingly productive, ripens early and is very valuable. Price, mail, 50c. per doz.; express, \$1.00 per 100; \$4.50 per 1000.

PARRY. A seedling of Jersey Queen, which it resembles. A perfect flower, very productive, good grower; fruit large, handsome, and excellent quality. Price, mail, 49c. per doz.; express, 75c. per 100; \$3.75 per 1000.

SHARPLESS. Strong, vigorous grower, very large, good quality and very popular. Price, mail, 40c. per doz.; express, 75c. per 100; \$4.00 per 1000.

HAVERLAND. (P.) It is a beautiful sight at picking time to look into or among plants of the Haverland, with the large, long, bright berries apparently covering the ground, giving one the impression that they could be gathered up by the handful. Fruit is long, conical, even in form, bright color, fairly firm when not too ripe, good size and fine quality. Plant is strong, of upright, open growth and makes good beds. It is one of the best early varieties in existence. 40c. per doz.; 75c. per 100; \$4.00 per 1000.

LOVETT'S EARLY. Supposed to be a cross between Crescent and Wilson, ripening earlier, more prolific and larger than either, equalling in firmness the Wilson. Excellent conical form, uniform in size and shape, of superior quality, and bright crimson color. Blossom, perfect; plant, vigorous and healthy. Price, mail, 40c. per doz.; express, 75c. per 100; \$4.00 per 1000.

MICHEL'S EARLY. Earliest berry known. Strong grower, good foliage, very productive, and has proven to be much larger and several days earlier than Crescent. Price, mail, 40c. per doz.; express, 75c. per 100; \$3.75 per 1000.

GANDY. The best late strawberry. Extremely vigorous and robust. Plant very productive, large size, good quality, firm and very late. Price, mail, 40c. per doz.; express, 75c. per 100; \$4.00 per 1000.

STRAWBERRY COLLECTION No. 1, BY MAIL,

6 plants each the above 8 varieties for \$1.00.

BIG 4 All Perfect Blossoms

We feel some pride in being able to place before the public this valuable "Big 4" of perfect flowering strawberries. Such a group was never before offered, nor do we think it possible to select four better staminate sorts from the hundreds of varieties now on the market. All have been thoroughly tested at the various Agricultural Experiment Stations throughout the United States.

ENHANCE. Large bright red, changing to deep dark red, almost black, when fully ripe; very firm and good shipper. The large green calyx adds greatly to their appearance. Unsurpassed for canning. Plant strong, entirely free from rust, and very productive.

WOOLVERTON. A grand variety. Large size, bright red, best quality; plant, a strong, healthy grower and heavy bearer, lasting through a whole season and until very late.

GOV. HOARD. Large, excellent quality, firm and good bearer, and like all the Big 4, shows up well when picked, which is quite an item if to be sold in market.

SAUNDERS. This is just the berry for general planting, doing equally well on light or heavy soil, sand or clay. Fruit very large and solid, more productive than Sharpless and a better berry in every way. Season, early to medium.

PRICE:—Each Big 4, by mail, doz., 40c.; by express, 100, \$1.00; 1000, \$4.50.

Special collections by mail:

6 each Big 4 for	\$0 60
12 " " "	1 00
25 " " "	1 50
50 " " "	2 50
100 " " " by express,	2 50



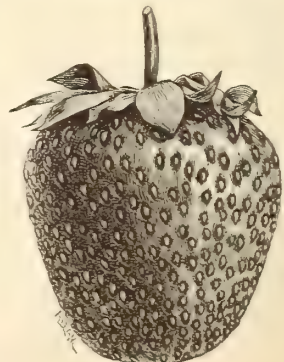
ENHANCE.



WOOLVERTON.



GOV. HOARD.



SAUNDERS.

BLACKBERRIES.



WILSON, JR.

EARLY HARVEST. The earliest known variety. Strong grower, upright, enormously productive and good quality.

WILSON, Jr. The largest known variety, ripening immediately after E. Harvest. Very productive and good quality. By its low, trailing habit of growth it is easily protected in winter and well adapted on that account to cold climates.

KITTATINY. A very popular sort for general planting, and still growing in popular favor, especially for family use. Very strong grower; berries large and fine flavor; exceedingly productive. Season extends from medium to very late.

LUCRETIA (Dewberry). As early as Early Harvest and as large as Wilson. Shiny jet black, melting and delicious quality, devoid of core. Plant is entirely hardy, healthy, strong grower and very productive.

PRICE BY MAIL: 10c. each, 3 for 25c.; 12 for 75c.; price by express, \$1.50 per 100; \$12.50 per 1000. If wanted by mail, at rates per 100, add 40c. per 100 to cover postage, etc.

RASPBERRIES.

Postage on raspberries same as blackberries.



BLACK PROGRESS RASPBERRIES.

BLACK PROGRESS (Pioneer). The best very early jet black raspberry. Good quality, ripening with Souhegan, stronger grower and more prolific; very valuable market variety; extremely hardy. Price, mail, 10c. each; 3 for 25c.; 12 for 75c.; express, \$1.50 per 100; \$12.50 per 1000.

GOLDEN QUEEN. The best yellow raspberry. Very large, exquisite beauty, very good quality, hardy and very productive; very strong grower and succeeds well in the South and Pacific Coast, as well as in colder climates. Price, mail, 10c. each; 3 for 25c.; 12 for 75c.; express, \$2.00 per 100; \$20.00 per 1000.

Cuthbert, Gregg, Ohio and Souhegan, 10c. each; 3 for 25c.; 75c. per doz., by mail; \$1.50 per 100; \$12.50 per 1000, by express.

CURRENTS.

CHERRY. The most popular market sort. Bunch and berry very large, bright red; bush healthy, vigorous and productive. Price, mail or express, 10c. each; 3 for 25c.; 12 for \$1.00.

FAY'S PROLIFIC. The best red currant. Strong grower, wonderfully productive and comes to bearing young; fruit large, bright red, and good quality. Price, mail or express, 20c. each; 3 for 50c.; 12 for \$1.50.

WHITE GRAPE. The largest and best white currant. Bunch, large; berries, large, handsome, translucent and excellent quality. Strong grower and very productive. Price, mail or express, 10c. each; 3 for 25c.; 12 for \$1.00.

GOOSEBERRIES.

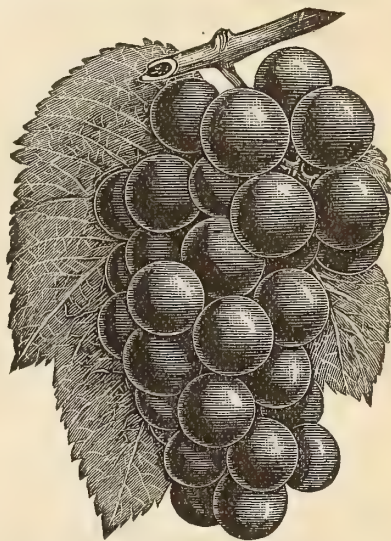
DOWNING. An American variety of very large size. Productive, free from mildew, excellent quality. Price, mail or express, 15c. each; 8 for \$1.00.

HOUGHTON'S SEEDLING. A vigorous and very productive variety, not affected by mildew. One of the best American varieties. Price, by mail, 15c. each; 10 for \$1.00.

DWARF JUNE BERRY

Is very similar to the Swamp Huckleberry though of easier culture. The fruit is of a mild sub-acid, rich, excellent flavor and delicious as a dessert fruit or canned. Extremely hardy North or South and produces fruit in great abundance.

Price by mail or express: 25c. each; 5 for \$1.00.



GRAPES.

Grape vines are peculiarly adapted to growing in cities and when space is limited, as they can be trained over fences, up walls, or over trellis, and begin to bear the next year after planting. The following varieties are the very best to be had.

MOORE'S EARLY. A seedling of Concord, ripening ten days earlier, much larger and better quality; vine strong, healthy grower; free from rot or mildew.

CONCORD. The most popular black grape. Strong grower and productive. Price, mail or express.

NIAGARA. Very vigorous and productive, bunch very large and handsome; greenish white, turning to pale amber; good quality.

WYOMING RED. Very healthy grower and enormously productive. Berries medium size, ripening early and resembling Delaware in appearance.

BRIGHTON. Free grower and productive; large, loose bunch, dark wine red; delicious quality.

Price of above four best grapes, 25c. each; 5 for \$1.00.

SPECIAL GRAPE COLLECTION.

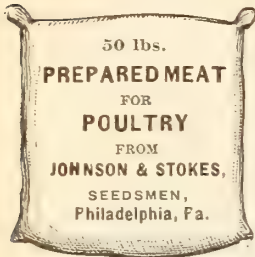
2 each of above 4 sorts for \$1.25, by mail or express

JAPAN WALNUT.

This is a native of mountains of Northern Japan and is extremely hardy, very vigorous growers, handsome symmetrical form, mature early, bear young and are much more productive than the English walnut, and having an abundance of fibrous roots, transplant as safely as an apple tree. The nuts grow in clusters of fifteen or twenty. The meat is sweet and of very best quality, flavor like butternut, but less oily and much superior. Price, mail or express, 50c. each; 3 for \$1.00.

THE JAPAN MAMMOTH CHESTNUT is among the most valuable introductions from Japan. It is quite distinct from the European varieties, being hardier. Nuts much larger and of superior flavor and sweetness. Commence bearing very young, usually at two to three years of age, producing nuts four to six inches around and running three to seven in a bur. Price, mail or express, 40c. each; 3 for \$1.00.

POULTRY FOODS AND MEDICINES.



PREPARED MEAT FOR POULTRY.

This is prepared with great care, and is shipped by us to all parts of the United States, principally to parties who are engaged in raising poultry and eggs for market. It is the finest thing we know of to cause hens to lay during the winter. High prices always prevail at this season of the year, which makes it extremely profitable to feed. 50 lbs., \$1.50; 100 lbs., \$2.50; 500 lbs., \$12.00; ton, \$42.00.

ANIMAL MEAL.

THREE CENTS A HEN A MONTH.



This is a true egg producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require and completely takes the place of all other animal food, as well as cracked bone and oyster shells. It is not a medicine.

It is fed with other foods. Price, 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

SHERIDAN'S CONDITION POWDER

NOTHING ON EARTH WILL
MAKE HENS LAY
LIKE
SHERIDAN'S
CONDITION POWDER

Is absolutely pure and highly concentrated. One ounce is worth a pound of any other kind. Strictly a medicine, to be given in the food, once daily, in small doses. Prevents and cures all diseases of hens. Worth its weight in gold when hens are molting, and to keep them healthy. Price, small package, 25c.; large package, \$1.00; by mail, \$1.25. Six large packages, by express, at purchaser's expense, \$5.00.

CRUSHED OYSTER SHELLS.

This is a most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer, when left to run at large, they can find their own shell-making material, but when everything is frozen or covered with snow, they must be helped out if eggs are wanted. 5 lbs., 15c.; 25 lb. bag, 40c.; 100 lbs., \$1.00; per barrel, \$2.50; ton, \$12.00.

GRANULATED BONE

Is about the size of wheat and can be fed like any other food in grain, about one handful for every five fowls daily, or every other day. In either manner it furnishes a valuable food for poultry at all seasons of the year. 5 lbs., 25c.; 100 lbs., \$2.50; 200 lb. bag, \$4.75; ton, \$44.00.

VERO INSECT POWDER.

For effectually destroying insect life on fowls and will not poison or injure the birds in any way. $\frac{1}{4}$ lb. tins, 20c.; by mail, 25c.; $\frac{1}{2}$ lb. tins, 35c.; by mail, 45c.

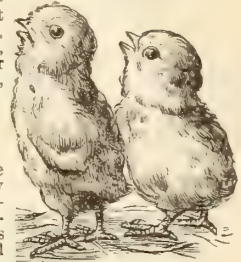


GLAD I CAME.

feeding two weeks other food may be given, but should contain a part of Manna for at least a few days longer. 1 lb., by mail, 25c.; 5 lbs., by express, 40c.; 10 5 lb. boxes in case, per case, \$3.75; 60 lb. box in bulk, \$1.20.

MADOC GAPE CURE.

This is offered as a positive cure of this dread disease, fully 90 percent. of those who reported to us sustaining this assertion. The medicinal properties of the mixture are such as will have its effect on the worms in the windpipe and also invigorate and strengthen the system. Price, per tin can of 6 oz., 20c.; by mail, 27c.; per can of $\frac{1}{2}$ lb., 35c.; by mail, 50c.



SINGING ITS PRAISES.

AGATHA POULTRY FOOD.

MAKES HENS LAY.

This food is carefully prepared with a view to increase egg production in early winter, containing what is essential to poultry during molting season, to prepare them for further usefulness, and by continued feeding will tend to make hens lay during the winter. The larger portion of the food is especially adapted to the wants of laying hens, particularly so when hens are confined and during winter when they cannot procure for themselves their wants. 5 lb. box, 35c.; by express or freight, at purchaser's expense; per case of 10 packages, \$3.25.

ROUP PREPARATION.

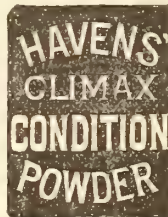
A CURE FOR ROUP.



Roup is a disease to which poultry are subject, and which is much dreaded, presenting itself mostly during autumn and winter, when the weather is damp, wet and changes suddenly from warm to cold. The first symptoms of the disease are similar to a common cold, terminating in an offensive discharge from the nostrils and eyes, sore and cankered mouth, difficult breathing and swelling of the head. Price, $\frac{1}{2}$ lb. package, 20c.; by mail, 30c.; 1 lb. package, 40c.; by mail, 55c.

CURES POULTRY CHOLERA,

Is a positive preventive and cure for gapes and poultry cholera, and a most excellent medicine for young turkeys that have been exposed to weather; also a most excellent medicine for horses, cattle, sheep and hogs. It is not a food, but an honest medicine at an honest price. Price, per small package, 25c., by mail, 40c.; per doz., by express, \$2.50; medium size, 50c., by mail, 90c.; per doz., by express, \$5.50; large size, \$1.00 (too heavy to mail); per doz., by express, \$10.00.

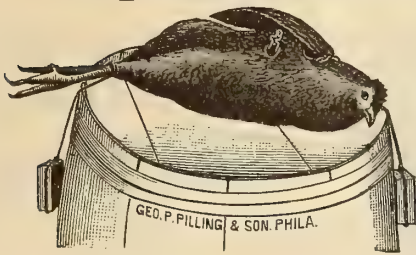


INCUBATORS AND BROODERS.

We are the agents of the celebrated **EXCELSIOR** and **HAMMONTON** INCUBATORS and will mail special Catalogue and lowest prices on application.

The **Pressy Brooder** with its **Patent Stove** that burns eight days without refilling is unequalled. Price, \$3.00.

Implements for the Poultry Yard.



HOW TO CAPONIZE.

Every poultry man knows that **Capon**s are much larger fowls, sweeter and finer meat and sell at a much higher price. **You can do your own caponizing easily**, and our book sent with each set tells all about it. Price of book, 10c., but it is sent free with the set of instruments.

Price, per set, in pasteboard box, \$2.50, post-paid.
" " leather case, 2.75



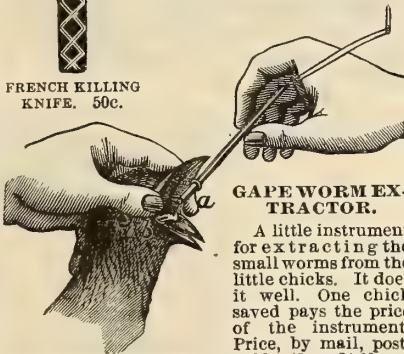
INCUBATOR THERMOMETER. 50c.



FRENCH KILLING KNIFE. 50c.

FRENCH POULTRY KILLING KNIFE.

The most expeditious and humane way of killing and dressing poultry is by the French method. Complete directions are given in our book on caponizing. These knives are of the finest steel. Price, 50 cts. each, post-paid.



GAPE WORM EXTRACTOR. 40c.

GAPE WORM EXTRACTOR.

A little instrument for extracting the small worms from the little chicks. It does it well. One chick saved pays the price of the instrument. Price, by mail, post-paid, 40c.; \$4.00 per doz.



POULTRY MARKER.

POULTRY MARKER.

This little instrument is for marking young and old chickens and all kinds of fowl. It is invaluable to breeders and farmers, as the markings will enable them to recognize their own fowl at a glance. Price, by mail, 25c.

NEST EGGS.

CHINA. The best and cleanest nest egg used. Each, 5c.; doz., 25c.; by mail, 50c.

MEDICATED. Made of plaster with sulphur and oil of sassafras, and prevent lice in the nest. Each, 5c.; doz., 30c.; by mail, 65c.

DRINKING FOUNTAINS.

Ohio Style.

	EACH.	PER DOZ.
2 Quart, . . .	\$0 25	\$2 50
4 " . . .	45	4 50
8 " . . .	60	6 00

Baltimore Style.

	EACH.	PER DOZ.
1 Quart, . . .	\$0 25	\$2 50
2 " . . .	40	4 00
4 " . . .	55	5 50

THE CLIMAX is made of the best galvanized iron, and will last a life-time. Keeps the water cool and fresh, and is not so liable to be broken in freezing weather as the stone-ware ones. Prices, 1 gal., \$1 00; 2 gals., \$1 25; 3 gals., \$1 50.



BIT TO PREVENT FEATHER PULLING.

This bit keeps the bill just far enough apart to prevent catching the feathers, but does not interfere with the fowl feeding. Price, per doz., \$1.00; less than one doz., 10c. each.

BONE AND SHELL MILLS.

Wilson's **Daisy Green Bone Mill** is the best one in the market. \$16.00.

Webster & Hannun's **Green Bone Mills**, improved pattern, \$12.00; old style, \$10.00.

Wilson's **Dry Bone and Shell Mill**, \$5.00.

CLOVER CUTTERS.

Necessity, \$3 00
Gem, 8 00

Our Poultry Supply Catalogue

is most complete. Send for it if you have **CHICKENS** or **BEEES**.

SPRAY YOUR FRUITS. SPRAYING PUMPS.

The practice of spraying orchards and vineyards with a solution of copper and Paris green has become so universal and has been found to be so beneficial to the growing crops of fruit that we have provided for our customers four pumps that we believe have no superiors on the market. Circulars with full directions and description sent on application.

OUR "GEM" BRASS PUMP. We recommend this when a limited amount of work is to be done. Price, \$3.00.

"SOUTHERN QUEEN" ORCHARD SPRAYER is an excellent pump to be fastened on a barrel and placed in a wagon. Will do splendid work. Price (with vermorel nozzle, but not including barrel), \$6.50 (See cut.)

THE PERFECTION FORCE PUMP is a larger pump than the "Southern Queen." It has ten feet of discharge hose with a spray nozzle. It also has three feet of return hose, so that at every stroke a small part of the liquid is redischarged into the barrel, which keeps the poison and water well mixed. Weight 55 lbs. Price (not including barrel), \$8.00.

"DOUBLE EMPIRE" PUMP. Is a large powerful pump, throwing two streams at once over the tallest orchards. Price (with two vermorel nozzles, but not including barrel), \$10.00.

"GARFIELD KNAPSACK SPRAYER." (See cut.) Is to be carried on the shoulders, and is a copper tank holding five gallons. The pump is made entirely of brass and copper and cannot corrode or rust. Price, complete, \$11.00.

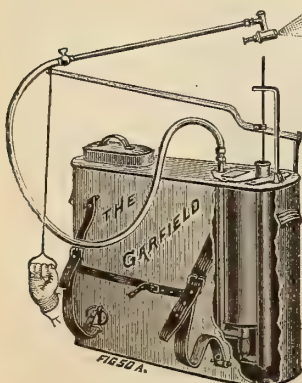
AGENTS FOR POWELL'S INSECTICIDES.

Powell's Bordeaux Mixture. 20 lb. packages (50 gallons wash), \$1.00 per package.

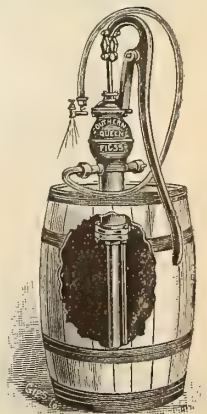
Powell's Kerosene Emulsion. 5 gallon buckets (75 gallons wash), \$1.25 per bucket.

Powell's Quassine (for rose bushes and house plants.) 1 quart cans (50 gallons wash), \$1.00 per can. 1 gallon cans (100 gallons wash), \$1.50 per can.

Send for Complete Spraying Circular.

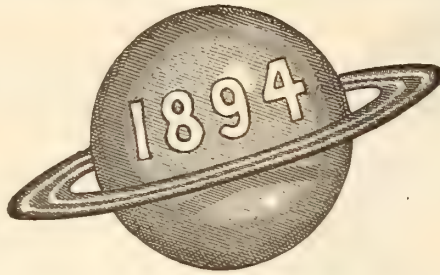


OUR KNAPSACK SPRAYER FOR VINEYARDS AND POTATO FIELDS. Price, \$11.00.

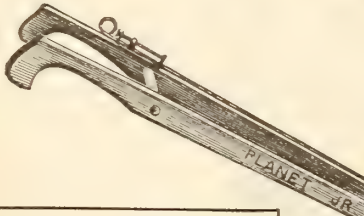


OUR ORCHARD SPRAYER. Price (not including barrel), \$6.50.

PLANET JR.



GARDEN TOOLS.



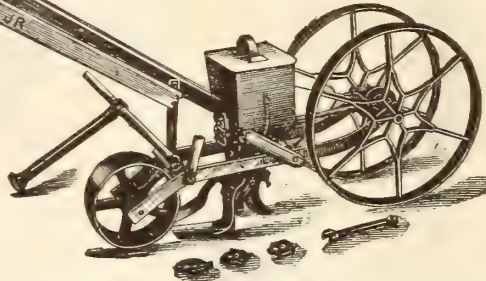
NEW "PLANET JR." HILL DROPPING DRILL.

Price, . . . \$10.00.

NEW HILL DROPPING DRILL.

Sows in drills or drops in hills, as desired, either 4, 6, 8 or 12 inches apart, and can be altered from one to the other in an instant. Does not sow when going backward or turning at end of row, and is altogether the most practical and accurate seed sower ever offered. It has two carrying wheels, fifteen inches high and six inches apart. Has a rubber double screw agitator and a two-quart hopper.

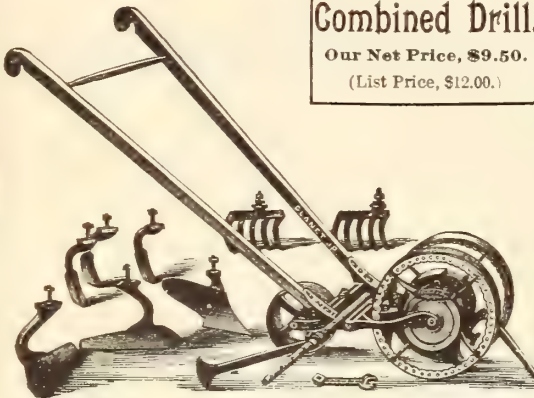
Price, \$10.00.



"PLANET JR." Combined Drill.

Our Net Price, \$9.50.

(List Price, \$12.00.)



NEW COMBINED HILL DROPPING AND FERTILIZER DRILL.

This is the same as the New Hill Dropping Seed Drill, except that it has a fertilizer sowing attachment. It works in a most perfect and regular manner, sowing any desired quantity, and is so arranged that the fertilizer can be placed either above or below the seed, covering it lightly. This machine is a perfect and invaluable tool for every market gardener, onion and strawberry grower.

Price, complete, \$15.00.

THE "PLANET JR." No. 2 DRILL holds two and one-half quarts. Is the old reliable drill, equally as good as the new, except that it does not drop in hills. Price, \$7.00.

THE "PLANET JR." COMBINED DRILL, WHEEL HOE CULTIVATOR AND PLOW. This most popular tool is suitable for either the farm or garden. As a drill, it is exactly similar and equal to the No. 2, except in size. It holds one quart. As a plow, it opens furrows, covers them, hills, plows to and from, etc. As a hoe, it works safely and closely to and from both sides of the row at once, when plants are small, between rows as plants grow larger, working all rows from eight to sixteen inches wide at one passage. Price, \$9.50.

"PLANET JR." DOUBLE-WHEEL HOE CULTIVATOR, RAKE AND PLOW COMBINED. Has the invaluable feature of tending both sides of the row at once.

The wheels can be set four, seven, or ten inches apart. It has a pair of plows, two pairs of cultivator teeth, a pair of rakes and a pair of leaf lifters, making it capable of every variety of gardeners' work. Price, \$6.50. Onionset gatherer, extra, \$1.25.

"PLANET JR." PLAIN DOUBLE WHEEL HOE. To meet the demand from onion growers and others who want a hoe only, we offer the Double Wheel Hoe just described, supplied simply with one pair of Long Curved Point Hoes. Any of the other tools can be added afterward, if wanted. Our net price, \$4.50.

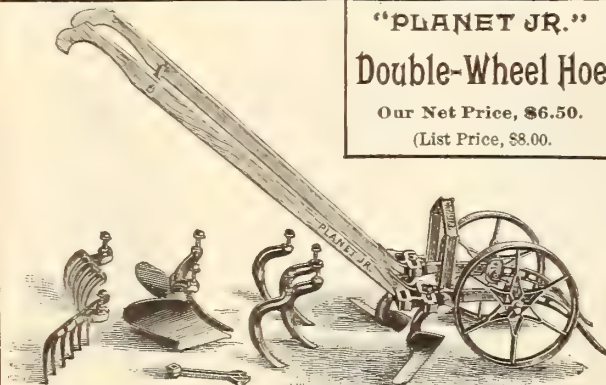
"PLANET JR." SINGLE WHEEL HOE is considerably lighter than the Double, and is supplied with one pair of hoes, three reversible cultivator teeth, two narrow and one broad, a large garden plow and a pair of rakes. It is capable of a great variety of combinations and is admirably adapted to the use of small gardens. Price, \$5.00.

THE FIRE-FLY SINGLE WHEEL HOE, CULTIVATOR AND PLOW COMBINED. It is light, strong and adjustable to quite a variety of work. It has two hoes which work either to or from the row, three cultivator teeth and one garden plow. Price, \$4.25.

"PLANET JR." Double-Wheel Hoe.

Our Net Price, \$6.50.

(List Price, \$8.00.)





OUR PRIZE GOLDEN WYANDOTTES.

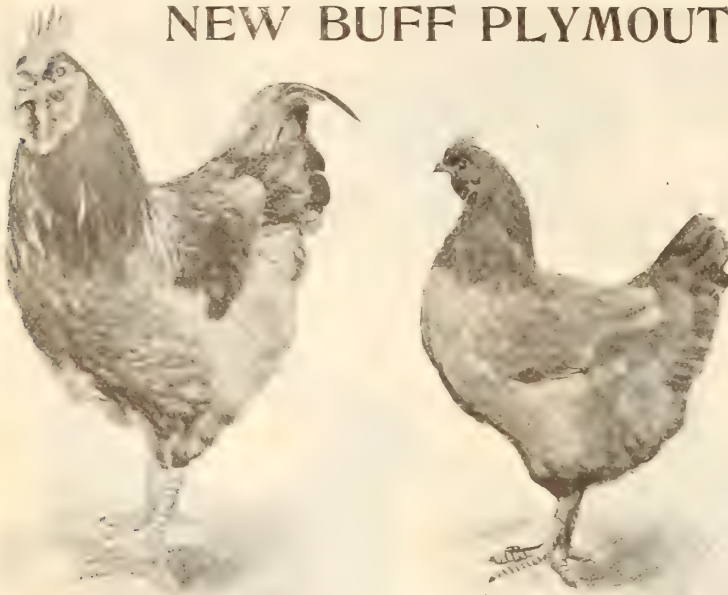
Although we have been breeding the Golden Wyandottes but four years at Trebreh, their large size, fine shape, rich plumage, beautiful markings and high-bred carriage have enthroned them as the prime favorites of our yards, their remarkable beauty making them the admiration of every beholder. They are a cross of the deservedly popular **Silver Laced Wyandottes** made with the **Winnebagos** as the top cross. They are extremely hardy and more active foragers than most of the heavier breeds. As both summer and winter layers they are unrivalled, even surpassing the Leghorns. Prices: Single cockerel, \$4.50 to \$6.00; pair mated for breeding, \$9.00; trio, \$12.00; **Eggs for hatching**: Per setting of 13, \$3.00; per two settings of 26, \$5.50.

Prize New Buff Wyandottes

The Buff Wyandottes are the newest candidates for favor in the poultry World, and magnificent candidates they are. They are not a sport, but have been bred scientifically since 1889, with a view of originating a buff Wyandotte. They have all the fine characteristics of the Wyandotte family and are a deep, solid Golden Buff in color. The accompanying beautiful photograph shows them well. Price: cock or cockerel, \$5.00 to \$7.00; pair, \$11.00; trio, \$14.00. **Eggs for hatching**, per setting of 13, \$3.50; per 26, \$6.00.



NEW BUFF PLYMOUTH ROCKS.



PAIR NEW BUFF PLYMOUTH ROCKS.

Prize Winning Barred Plymouth Rocks.

The Barred Plymouth Rock is perhaps the most popular and widely known variety of fowls bred in America. In almost every barn-yard flock of fowls you will find specimens which their owner vows to be the pure and genuine Plymouth Rock. They are justly styled the "Farmer's Fowl." We believe we have as fine a strain of Barred Plymouth Rocks as can be found in America and our yards have produced many prize birds. The magnificent cockerel we illustrate, was hatched last March and photographed in November. They develop early, making good market chickens at three months old, are yellow legged, hardy and easily reared. They commence laying very early, and feather early; meat yellow and juicy; good mothers. Prices: Trio, \$9.00; pair, \$6.50; cockerel, \$3.50 to \$4.50. Eggs for hatching, \$2.00 for 13, or \$3.75 for 26.



OUR PRIZE WINNING WHITE PLYMOUTH ROCK COCKEREL,
"JIM DANDY."

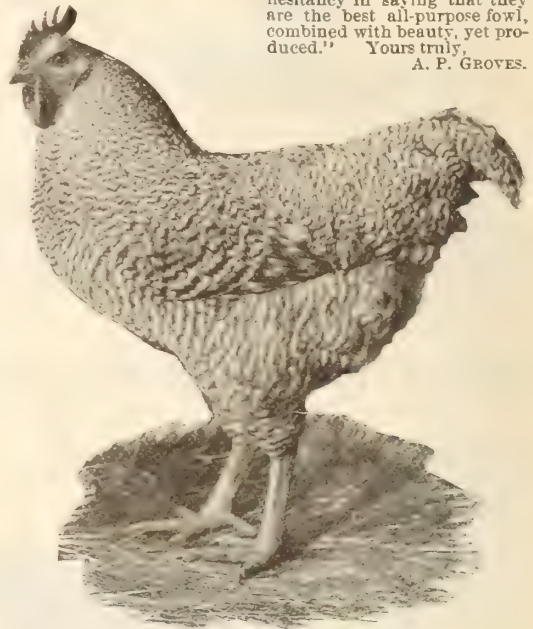
This new color in the popular Plymouth Rock Breed promises to surpass in popularity all others when their good points become known. At our Trebreh yards, last season, they eclipsed all others in hardiness and laying qualities. They are active, hardy, good foragers and a fine clear golden buff in color; skin and legs yellow and they lay a large brown egg. Price: Single cock or cockerel, \$5.00 to \$7.00; pair, 11.00; trio, \$14.00. Eggs for hatching, \$3.50 per setting of 13; \$6.00 per 26.

Mr. A. P. Groves, Jr., President of the Philadelphia Poultry Association, says of the

Buff Plymouth Rocks:

"This new American variety was admitted to the Standard by the American Poultry Association at a meeting held in Chicago, October, 1893. They bid fair to rival their barred cousins as they are a very beautiful fowl, being extremely hardy and splendid layers of large eggs. Their color being buff has a richness about it. A flock of these birds on a lawn is a very pleasing sight. I have bred them three years and have no hesitancy in saying that they are the best all-purpose fowl, combined with beauty, yet produced." Yours truly,

A. P. GROVES.



BARRED PLYMOUTH ROCK COCKEREL.

PRIZE WHITE PLYMOUTH ROCKS.

This new breed is a sport from the Barred Plymouth Rock, and promises to become even more popular than their "colored cousins." They breed truer to color than any of the new white breeds. Their large size, stately carriage and snow white plumage are the admiration of all. They are sure to be in great demand, and all who secure good breeding stock will find it a profitable investment. Being pure white they have no objectionable dark pin feathers. The stock from which we are breeding we obtained at high cost, direct from the originator in Maine. Prices: White Plymouth Rocks, single cockerel, \$4.50 to \$6.00 each; pair, cockerel and hen, \$9.00; trio, \$12.00. † eggs for hatching, \$2.50 per setting of 13; \$4.50 for 26.

PRIZE WHITE WYANDOTTES

We know of no fowl possessing more points of superiority for the poultry raiser or practical farmer than the **White Wyandotte**. For beauty, style and fine form they have no equal. Their plumage being a pure snow white, with legs, beaks and skin a rich yellow. As a market or table fowl they have no superior. They have a close-fitting, medium-sized rose comb, and thus are not troubled by the frost, as the Minorcas and Leghorns. They mature quickly, commence laying very early and continue through the season uninterrupted. They are good foragers and make the kindest mothers.

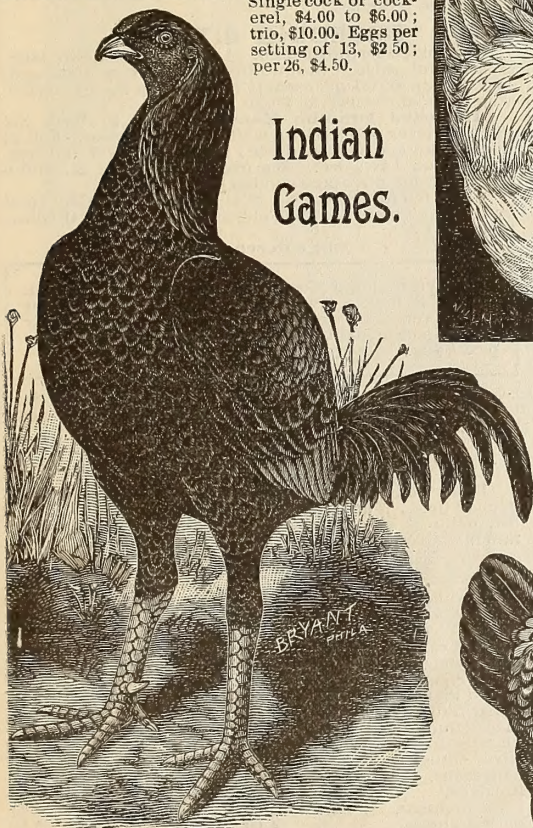
PRICES: Single cock or cockerel, \$4.00 to \$6.00; pair mated for breeding, \$7.00; trio, cock and two hens, \$10.00. **Eggs for Hatching**, from our best prize stock, per setting of 13, \$2.50; per 26, \$4.75.

BUFF COCHINS.

The oldest of the Cochin family. In cockerels the plumage is generally a mealy buff but as they grow older they take on their natural color—brilliant buff. They are excellent winter layers, good mothers and sitters. Cocks at one year old should weigh ten to twelve pounds, and hens at same age should weigh eight to nine pounds. **Prices:**

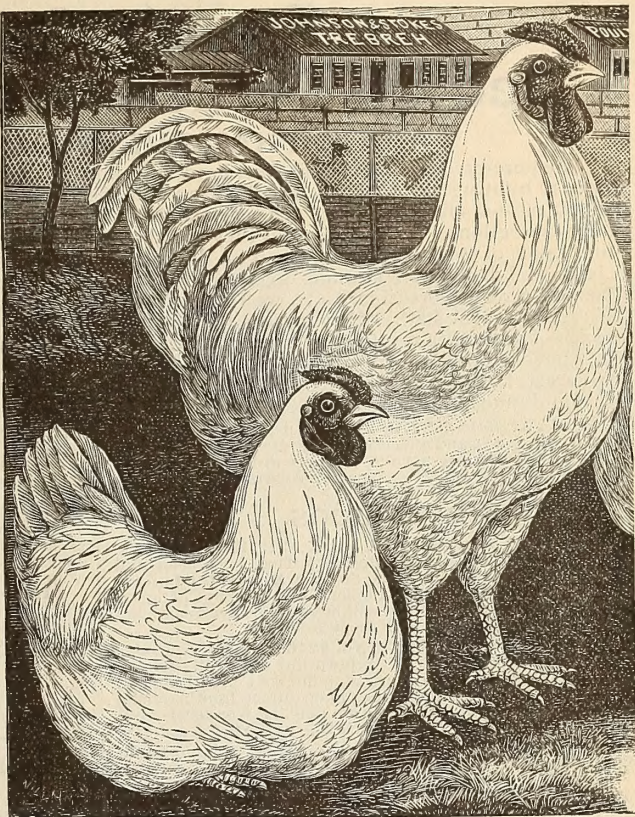
Single cock or cockerel, \$4.00 to \$6.00; trio, \$10.00. **Eggs per setting of 13, \$2.50; per 26, \$4.50.**

Indian Games.

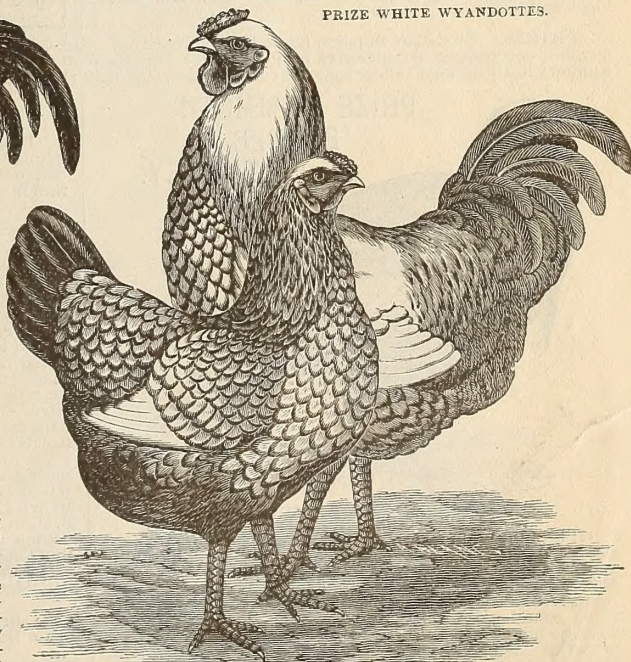


IMPORTED INDIAN GAME COCKEREL.

INDIAN GAMES have met with a greater boom from all the best Poultry journals of the country than any other new breed ever introduced, and have created the greatest sensation in the poultry kingdom ever experienced. The illustration above gives an idea of the male bird, but no picture can portray the wonderful plumage and grand physical development of these birds. The meat is wonderfully solid and firm, giving the birds great weight in proportion to their size. They are par excellence the table fowls of the century. Beautiful yellow skin and legs, deep full breast, without prominence of the keel bone, they are fit for the table of a king. Indian Games are very tame, can be thoroughly domesticated and make the very best of fowls for the poultry farmer as well as the fancier. Eggs that will hatch prize birds, \$3.00 per setting of 13; 2 settings, \$5.00. Fine cockerels, \$5.00 to \$6.00 each; pair, cockerel and hen, \$9.00; trio, \$12.00.



PRIZE WHITE WYANDOTTES.



PRIZE SILVER LACED WYANDOTTES.

These beautiful birds are very hardy, easily raised, a fine table fowl, and prolific layers. Mature earlier than almost any other breed. They are black and white spangled, skin and legs yellow. They lay a large yellow egg, and the hens make good sitters and mothers. Price of fowls: Single cock or cockerel, \$4.00 to \$5.00; trio, \$10.00. Eggs for hatching, \$2.50 per 13; \$4.50 per 26.

Rough Coated Scotch Collie Shepherd Dogs.

A DOG THAT EVERY FARMER NEEDS.

The pure-bred Scotch Collie Shepherd Dog takes as naturally to driving stock as the Pointer and Setter to hunting birds. They are of a kind and affectionate disposition, and become strongly attached to their master's family. They are very watchful and always on the alert, while their intelligence is really marvellous. At one year old they are able to perform full duty, herding sheep, cattle, swine and other kinds of stock, attending them all day when necessary, keeping them together, and where they belong, and driving off strange dogs and intruders. They learn to know their master's animals from others in a very short time, and a well-trained dog will gather them together, drive them home, and put each into its right stall. They can easily be taught to attend poultry, and are declared enemies of all species of vermin that infest the poultry yard, and can be made most useful in a hundred different ways. They have a dainty carriage and fine style, profuse silky hair, bushy tail carried low, ears small and semi-erect, head long and sharp, chest deep with plenty of lung room. In general form lithe, symmetrical and graceful, altogether a handsome dog, and in sagacity he excels all others of the dog family.

IF FARMERS KNEW a Collie's usefulness in guarding his property, his assistance in the care of his cattle and sheep, the faithful, gentle and affectionate guardian and playmate of his children, they would not be without him at almost any cost. At our **Harmony Grove Kennels**, at West Grove, Chester County, Pa., we have some of the finest stock ever imported into this country. We give below a short synopsis of our dogs, with abridged pedigrees.

STUD DOGS.

Imported Don Juan II. A. K. C. S. Book, No. 18412, is a large dark sable. Very intelligent face, long head and wonderfully active and alert. Sired by **Doncaster Lad** out of **Drumlin Nigger**, she by **Champion Vulcan**, he by **Champion Rutland**. So in **Don Juan II** it will be seen we have a combination of extra fine stock. Stud fee, \$20.00.

Imported "SHERIFF," No. 22764. A very fine sable with white collar and feet. A beautiful dog with wonderfully intelligent face, correct ears and fine coat. The beautiful engraving on the opposite page, taken direct from a photograph, speaks for itself. Sired by **Metchly Wonder II**, out of **Madge**, No. 7420. Born March 25, 1891. Stud fee, \$15.00.

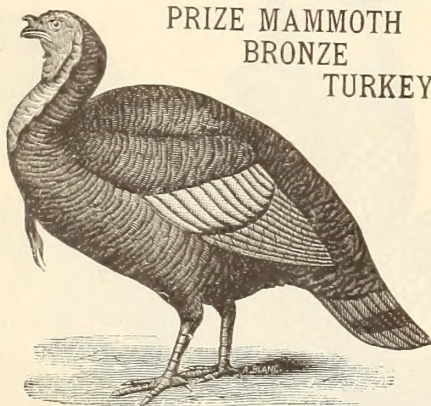
Clyde 53. A. K. C. S. Book, No. 13309. A large handsome black and tan.

Logan. A. K. C. S. Book, No. 13307. Black and tan with white markings.

Gladstone. A. K. C. S. Book, No. 13308. Handsome black and tan.

PRICES: First-class Puppies, ten to twelve weeks old, \$10.00 each, and \$17.00 per pair, no akin. These are for first-class dogs in every respect; but for **extra choice** puppies, bred directly from our imported stock and registered in the American Kennel Club Stud Book, \$15.00 to \$20.00 each, or \$30.00 to \$35.00 per pair.

PRIZE MAMMOTH BRONZE TURKEY.



MAMMOTH BRONZE TURKEYS.

It is well to remember that it costs no more to raise good stock than it does poor. The common Turkey gobbler at maturity weighs from eighteen to twenty-five pounds—the Mammoth Bronze from thirty-five to forty pounds. When the result is so much better the slight difference in first cost is not to be considered. Our strain of these Mammoth Bronze Turkeys has no superior in this country. Their plumage is a beautiful metallic bronze. Matured gobblers weigh from thirty-five to forty pounds each, and matured hens eighteen to twenty-six pounds each. Our young gobblers at nine months old, frequently weigh twenty to twenty-five pounds each. Prices: trio, tom and two hens, mated for breeding, \$16.00; pair, mated, \$12.00; single tom or hen, \$7.00 to \$8.00. Eggs for hatching, \$3.00 for 6; \$5.75 for 12.

As Turkeys do not lay until late in the spring we are sometimes obliged to hold orders for a time.

BREEDING BITCHES.

Imported Drumlin Tab. A. K. C. S. Book, No. 18416. A beautiful sable. Beautifully marked, very intelligent face and an excellent disposition. Sired by **Maney Trefoil**, who was sold recently for \$1000.

Imported Drumlin Mona. A. K. C. S. Book, No. 18414. A black and tan with white feet and breast. Full of life and fire and nervous force; magnificent feet and legs, and can run like a deer. She won second prize at Dublin against twenty-three dogs and bitches.

Lady Glenburnie. No. 20761. A fine, rich sable. Sired by **Lothian Chief**, No. 10467, out of imported **Lass O'Glen-birg**, No. 11671.

And a dozen more.

Orders for Puppies are filled in rotation as received. We aim to have a fine supply at all times, so there is usually very little delay in filling orders. Specify your choice in color and markings, and we will select one to please you.

POULTRY PRICE-LIST.

Below we give a list of prices of fowls and eggs, kept by us at all times. If any variety is wanted not included in this list, write us, as our extensive acquaintance with poultry raisers enables us to procure almost any breed.

	Good Cockerel.	Extra Selected Cockerel.	Per Trio.	Eggs, Per 13.	Eggs, Per 25.
Buff Wyandottes,	\$5 00	\$7 00	\$14 00	\$3 50	\$6 00
White Wyandottes,	4 00	4 50	10 00	2 50	4 75
Golden Wyandottes,	4 50	6 00	12 00	3 00	5 50
Laced Wyandottes,	4 00	5 00	10 00	2 50	4 50
Buff Plymouth Rocks,	5 00	7 00	14 00	3 50	6 00
White Plymouth Rocks,	4 00	5 00	10 00	2 50	4 75
Barred Plymouth Rocks,	3 50	4 50	9 00	2 00	3 75
Indian Games,	5 00	6 00	12 00	3 00	5 50
Black Minorcas,	4 00	5 00	10 00	2 50	4 75
Black Spanish,	3 50	5 00	9 00	2 50	4 50
Silver Spangled Hamburgs,	3 50	5 00	9 00	2 50	4 50
Langshans,	3 50	5 00	9 00	2 50	4 50
Houdans,	3 50	5 00	9 00	2 00	3 75
Light Brahmas,	4 00	5 00	9 00	2 50	4 50
Dark Brahmas,	4 00	5 00	9 00	2 00	3 75
White Leghorns,	3 50	5 00	9 00	2 00	3 75
Brown Leghorns,	3 50	5 00	9 00	2 00	3 75
B. B. Red Games,	3 50	5 00	9 00	2 50	4 50
Golden Polish,	3 50	5 00	9 00	2 50	4 50
Buff Cochins,	4 00	6 00	10 00	2 50	4 50
White Cochins,	4 00	6 00	10 00	2 50	4 50
Partridge Cochins,	4 00	6 00	10 00	2 50	4 50
Mam. Bronze Turkeys,	7 00	8 00	16 00	3 00	5 75
Pekin Ducks,	3 50	4 50	9 00	1 25	2 25

▲ ▲ POULTRY SUPPLIES ▲ ▲

We carry the largest stock and do the heaviest business in poultry supplies of any house in the United States. Our Special 16-page Poultry Supply Catalogue is sent free. Write for it.



Johnson & Stokes

217 & 219
MARKET ST.



NEW
WHITE PRIZE
WINNER
ONION.

NO OTHER
CAN EQUAL IT.

PKT. 15 CTS 2 PKTS. 25 CTS
OZ. 50 CTS 1/4 LB. \$ 1.50
LB. \$ 5.00.

PHILADELPHIA



NEW
ROCK HEAD.

PKT. 15 CTS 2 PKTS. 25 CTS
OZ. 40 CTS 1/4 LB. \$ 1.25 LB. \$ 4.00.

THE GREATEST OF ALL LATE & WINTER CABBAGES